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## Catalogue of family-group names in Cerambycidae (Coleoptera)

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## Table of contents

Abstract .....	3
Introduction .....	4
Synoptic classification of the world Cerambycidae .....	7
Catalogue of Taxa .....	12
Acknowledgments .....	58
References .....	59
Appendix .....	72
Index.....	73

## Abstract

Family-group names proposed for beetles belonging to the family Cerambycidae are catalogued and their availability is determined using the rules of the current International Code of Zoological Nomenclature. A synoptic classification of the family summarizes the validity of the names. Type genera of all family-group names are listed and the type species and stems of genera of available family-group names are included. A new family-group name, Elytracanthinini Bousquet (type genus: *Elytracanthina* Monn, 2005, a replacement name for *Elytracantha* Lane, 1955) is proposed for Elytracanthinae Lane, 1955. *Ichthyosoma armatum* Montrouzier, 1855 is designated as type species of *Ichthyosoma* Boisduval, 1835. Reversal of precedence is used to preserve the validity of the following family-group names: Anaglyptides Lacordaire, 1868 (over Anaglyptisidae Gistel, 1848 [Buprestidae]); Dryobiini Arnett, 1962 (over Dryobiidae Gistel, 1856 [Ptinidae]); Hemilophitae Thomson, 1868 (over Amphionychitae Thomson, 1860) and Hétéropsides Lacordaire, 1869 (over Dichophyiaeidae Gistel, 1848). The following family-group names, although junior synonyms, are preserved as valid until an application is submitted to the International Commission on Zoological Nomenclature; in these cases a reversal of precedence could not be applied: Eurypodini Gahan, 1906 (over Zaracinae Pascoe, 1869); Macronides Lacordaire, 1868 (over Enchaperitae Thomson, 1861); Pyresthides Lacordaire, 1868 (over Pseudolepturitae Thomson, 1861 and Erythrinae Pascoe, 1866) and Stenoderinae Pascoe, 1867 (over Syllitae Thomson, 1864). A total of 238 valid cerambycid family-group names (413 available names) are recognized in the following 13 subfamilies: Vesperinae (1 valid family-group name), Oxypeltinae (1), Disteniinae (4), Anoplodermatinae (3), Philinae (1), Parandrinae (2), Prioninae (24), Spondylidinae (5), Necydalinae (1), Lepturinae (8), Lamiinae (80), Dorcasominae (1), and Cerambycinae (107).

**Key words:** longhorned beetles; nomenclature; classification; type genera; type species; stem

## Introduction

Along with species- and genus-group names, family-group names form an integral part of zoological nomenclature. Valid family-group names, which include names from subtribe to superfamily ranks, are used in all classifications. Detailed studies on the availability and validity of these names have increased recently since it has become apparent that accurate application of the rules of nomenclature is necessary to promote long-term stability above the rank of genus.

Usage of the numerous family-group names proposed in the charismatic and well-studied family Cerambycidae, the longhorned beetles, has not always been in accordance with the International Code of Zoological Nomenclature (hereby the Code) effective at the time. It has become evident that a catalogue of all family-group names proposed within the family Cerambycidae was necessary to promote stability in the nomenclature of the group.

The results presented here, as well as any subsequent corrections or modifications pointed out to us, will be incorporated in an upcoming review of all family-group names proposed in the order Coleoptera to date. This review will be co-authored by several coleopterists, including YB and PB.

The specific objectives of this paper are first to provide a complete list of family-group names proposed in the family Cerambycidae (as far as known to us) and second to assess the availability of all names using rules of the Code of Zoological Nomenclature consistently. We have tried to make as few changes as possible to concepts currently accepted by workers in this family. Articles cited in the text refer to those in the current Code (ICZN 1999).

### Availability of family-group names

Based on the Code, requirements for availability of family-group names are relatively simple to interpret. A family-group name proposed prior to 1931 needs only to be a scientific name (e.g., with a Latin termination) in the nominative plural formed from the stem of an available genus-group name used as valid in the new family-group taxon. The name had to denote a suprageneric taxon and not be a plural noun or adjective referring to the members of a genus (see Articles 11, 12).

Between 1931 and 1999, new family-group names had to be accompanied by a description in words or by a bibliographic reference to such a published statement, in addition to the requisites already in effect before, to be available (Articles 13, 15). However, there are two cases when a family-group name proposed between 1931 and 1999 could be available even without a description or indication. Firstly, when the new name proposed is a replacement name (Article 13.1.3). Secondly, when a family-group name, proposed before 1961 without description or bibliographic reference to such a description, was used as valid prior to 2000 and was not rejected, between 1961 and 1999, by an author on the ground that the name was not accompanied by a description or bibliographic reference to such a description (Article 13.2.1). A bibliographic reference is a citation to a publication (Code's glossary on p. 115). Simply referring to an author (with or without indicating a publication date) without actually giving the bibliographic reference, either as a footnote or in a "references" section, do not make the name available. In our opinion, the reference should include minimally, beside the author's name(s), the date and an abbreviated title of the book or of the journal.

In addition to the requisites mentioned above, any new family-group names proposed after 1999 must be explicitly indicated as intentionally new and the name of the type genus has to be clearly cited, in order to be available (Articles 16.1, 16.2).

One of the most difficult tasks while working on this review was to decide on the most consistent and objective way to apply Article 11.7.2, which deals with the availability of names that were originally proposed in a vernacular form. Vernacular names are generally not treated as scientific names in zoological nomenclature (see Recommendation 11A). However, the International Commission on Zoological Nomenclature has made a single, but rather restricted, exception that applies to family-group names. According to Article 11.7.2, a family-group name published before 1900 in a vernacular form could be available from its first publication only "if [1] it has been latinized by later authors and [2] generally has been

generally accepted as valid by authors interested in the group concerned and [3] as dating from that first publication in vernacular form". We interpreted the conditions listed in Article 11.7.2 as three separate conditions that needed to be fulfilled (as indicated in square brackets we added) in order for a vernacular name to be considered available. Many recent authors have treated family-group names first proposed in vernacular form as available if they were latinized by later authors but we do not believe that this practice is in line with the requirements of the Code. We have accepted as available all vernacular names published before 1900 that have subsequently been used in latinized form, while being used as valid, and credited to the publication in their vernacular form. To some extent we have tried to find the first publication that would explicitly fulfill these requirements although we believe it is not indispensable. For every vernacular name that meet the requirement of availability, we have added a comment in the format of the following example "Availability (under Article 11.7.2): *Bumetopini* Lacordaire, 1872 (*Aurivillius* 1922a: 231)."

We have interpreted names proposed in the following languages to be vernacular: all German names with the suffix "-en", all Spanish names with the suffix "-os" or "-as" and all French names with the suffix "-iens". The most important issue was to determine the correct status of names originally proposed with the suffix "-es." We have used the principle that all family-group names proposed by non-French writers with the suffix "-es" were in fact laninized names with an ending that differs from those regulated by the Commission (these are mostly older names proposed before rules of zoological nomenclature became well-established). For each name with the suffix "-es" first proposed by French workers (e.g. Latreille, Lacordaire, Lameere) we went through the entire work containing those names and established if the author consistently used either vernacular or latinized names in their work. French vernacular names often have accents in them ("é" or "è") while latinized names do not. We have found that determining whether an author used vernacular or latinized names in a particular work was fairly straightforward except for one exception. Lameere (1912) used vernacular names that he had previously introduced in previous parts of his series "Révision des prionides" in the first pages of his article but used several family-group names as groups below the rank of tribe towards the end of his paper. Some of these names had the suffix "-es" (e.g. *Cnemoplites*, *Megopides*, *Hoploderes*) and were at the same rank as other names used in a latinized form (e.g. *Archetypi*, *Macrotomae*, *Euryopodae*). Because none of the family-group names proposed below the rank of tribe had accents (some of which would be required if these names were vernacular) and because of the context of the last part of Lameere's article, we have treated "Megopides" as originally proposed in a latinized form but with a suffix that differs from those regulated by the Commission. Latreille proposed new family-group names with the suffix "-es" in several of his works. We noticed that he most often used both the vernacular (listed first, with accents when required by French language) and latinized (listed second, always in italics) forms of each name together in the same heading. We have listed the latinized form of the name in each of those cases.

#### Bibliographic notes

As for specific and generic names, family-group names are subject to the "Principle of Priority" (see Article 23). As mentioned above, relatively few requirements needed to be met in order for a new family-group name proposed before 1931 to be considered available. They needed to be a scientific name formed from the stem of an available generic name. This led to several cases where names were introduced in the literature without even being recognized as new taxa. Sometimes the same family-group name was introduced more than once during a single year and by different authors. This is the case for several cerambycid family-group names proposed by Fairmaire, Pascoe, and Thomson in 1864 as well as by Lacordaire and Pascoe in the years 1868 and 1869. We have attempted to determine precise dates of publication for these works because of the importance of establishing priority for these names proposed in them.

Despite extensive search, we have been unable to find publication dates, other than the year, for Thomson's *Systema cerambycidarum* and Fairmaire's *Genera des coléoptères d'Europe*, started by Jacquelin du Val, both published in 1864. Pascoe's paper published in the third volume of the third series of the *Transactions of the Entomological Society of London* was published on October 3, 1864 (Wheeler 1912). Because only the year is known for both Thomson's and Fairmaire's contributions, they must be considered as published the last day of the year (Article 21.3.2). Consequently, Pascoe's names published in 1864 have

precedence over those of Thomson's and Fairmaire published the same year. As far Thomson's and Fairmaire's names, their priority is determined by the action of the First Reviser (see Article 24.2).

As pointed out by Bousquet (2008: 624), Lacordaire's tome 8 of his *Genera des Coléoptères*, containing the first part of his treatment on the Cerambycidae, although dated "1869" on the title page, was issued in November 1868 (*Bibliographie de la France* and *Zoological Record*). Pascoe's work in 1868 was published in volume 9 of the *Journal of the Linnean Society, Zoology*. This volume was issued in parts in 1867 and 1868. We did not discover any precise dates of publication but we found in the journal itself (recto of title page) that the first part of volume 10 was issued May 30, 1868. Therefore Pascoe's contribution was issued prior to this date and so his names have precedence over those of Lacordaire published the same year.

Lacordaire's first volume of tome 9 of his *Genera des Coléoptères*, containing the second part of the Cerambycidae, was issued in October 1869 (*Nouvelles et Faits divers* 2: viii) and recorded on November 13, 1869 by the *Bibliographie de la France*. Pascoe's contribution, issued in the third volume of the third series of the *Transactions of the Entomological Society of London*, was published on January 26, 1869 [pp. 497-552] and October 13, 1869 [pp. 553-712] (Wheeler 1912: 754-759). Because only the month of publication is known for Lacordaire's work, it must be considered as published the last day of the month (Article 21.3.1). Consequently, all family-group names based on the same type genus proposed by Pascoe in 1869 have precedence over those proposed by Lacordaire the same year even though Lacordaire has been listed as the author of these names by all authors seen.

Latreille third volume of his *Histoire naturelle, générale et particulière, des crustacés et des insectes* is dated "An X" of the Republican calendar which correspond to the period between 22 September 1801 to 21 September 1802. As pointed out by Griffin (1938: 157), the date is incorrect and should have been "An XI" (e.g., 22 September 1802 to 21 September 1803). The book was recorded on 6 November 1802 in the *Journal Typographique et Bibliographique* (see Dupuis 1986: 208).

The author listed on the title page of the third volume of the Coleoptera section of the *Encyclopédie d'histoire naturelle ou traité complet de cette science...* is Jean Charles Chenu who was in charge of the whole series. Based on a statement made by Eugène Desmarest (see *Bulletin de la Société Entomologique de France* for 1860, p. lxiii), there is little doubt that he wrote the entire volume and probably all three volumes pertaining to Coleoptera. Therefore, this publication is credited to Desmarest in this work.

#### Catalogue entries

For each family-group name, the author(s), date and page(s) of publication, and type genus with its stem are given. Because family-group taxa are based on type genera and the identity of genera based on type species, we have listed the type species of all type genera indicated. It should be pointed out that unless there is clear evidence to the contrary, correct identification of the type genus is assumed by an author who established a nominal family-group taxon (Article 65). Valid subfamily names are listed in an order based on recent classifications of Cerambycidae available in the literature. Our paper is first and foremost a nomenclatural treatment of family-group names, the classification used herein should be seen primarily as a way to present the information in a way as to maximize information retrieval by workers in this group. All valid names within the subfamily are listed in alphabetic order. All invalid names are listed in chronological order.

When the oldest family-group name based on a particular genus is unavailable, we also include the first available family-group name based on the same genus when possible.

When family-group names based on the same type genus were proposed the same year by different authors, we list the older name as the main entry and include the younger name in the Comments section for completeness. If new data eventually shows that the name we determined to be younger is in fact older, then this older name is to be used as the main entry. In those cases, only the name listed as the main entry is treated as available. In cases where the dates of publication are identical, the First Revisers are indicated.

The correct stem of a family-group name is determined by application of Article 29.3 of the Code. In cases where a family-group name was originally proposed before 2000 with an incorrect stem, we have either maintained the current spelling following Articles 29.5 if the name had not been corrected, or we have used

prevailing usage to determine which stem should be used in cases where the name had been corrected by subsequent workers. In cases where a family-group name was originally proposed after 1999 with an incorrect stem, we have maintained the current spelling following Article 29.4 if conditions laid out in 29.4.1 and 29.4.2 could be satisfied.

During our search for family-group names, we found several scientific names that were used as a plural noun or adjective referring to the members of a genus. Those we found are listed in the Appendix and are not available (see Article 11.7.1.2). Some authors used “nomen novum” or a similar expression when changing the rank of a previously established family-group name. The family-group names proposed as new in those cases were not included in our catalogue because family-group names have the same authorship and date at every rank according to the Principle of Coordination (Article 36).

We have noted in the text a number of cases that should be submitted to the International Commission on Zoological Nomenclature in order to preserve stability. It is not our intention to submit applications for these cases.

In the entries below, LeConte and Thomson stand for John Lawrence LeConte and James Thomson respectively unless indicated otherwise.

### Synoptic classification of the world Cerambycidae

- CERAMBYCIDAE Latreille, 1802
- VESPERINAE Mulsant, 1839
- OXYPELTINAE Lacordaire, 1868
- DISTENIINAE Thomson, 1861
  - CYRTONOPINI Gressitt, 1940
  - DISTENIINI Thomson, 1861
  - DYNAMOSTINI Lacordaire, 1868
  - HETEROPALPINI Villiers, 1961
- ANOPLODERMATINAE Guérin-Méneville, 1840
  - ANOPLODERMATINI Guérin-Méneville, 1840
  - HYPOCEPHALINI Blanchard, 1845
  - MYSTERICIINI Prosen, 1960
- PHILINAE Thomson, 1861
- PARANDRINAE Blanchard, 1845
  - ERICHSONIINI Thomson, 1861
  - PARANDRINI Blanchard, 1845
- PRIONINAE Latreille, 1802
  - ACANTHOPHORINI Thomson, 1864
  - AEGOSOMATINI Thomson, 1861
  - ANACOLINI Thomson, 1857
  - CACOSCELINI Thomson, 1861
  - CALLIPOGONINI Thomson, 1861
  - CALOCOMINI Galileo and Martins, 1993
  - CANTHAROCNEMINI Thomson, 1861
  - ERGATINI Fairmaire, 1864
  - EURYPODINI Gahan, 1906
  - HOPLIDERINI Thomson, 1864
  - MACRODONTIINI Thomson, 1861
  - MACROTOMINI Thomson, 1861
  - ARCHETYPINA Lameere, 1912

- BASITOXINA Lameere, 1912  
MACROTOMINA Thomson, 1861  
MALLODONINA Thomson, 1861  
PLATYGNATHINA Gilmour, 1954  
REMPHANINA Pascoe, 1869  
XIXUTHRINA Lameere, 1912  
MALLASPINI Thomson, 1861  
MEROSCELISINI Thomson, 1861  
PRIONINI Latreille, 1802  
SOLENOPTERINI Lacordaire, 1868  
TERETICINI Lameere, 1913  
VESPEROCTENINI Vives, 2005  
SPONDYLIDINAE Audinet-Serville, 1832  
ANISARTHRIINI Mamaev and Danilevsky, 1973  
ASEMINI Thomson, 1861  
ATIMIINI LeConte, 1873  
SAPHANINI Gistel, 1848  
SPONDYLIDINI Audinet-Serville, 1832  
NECYDALINAE Latreille, 1825  
LEPTURINAE Latreille, 1802  
DESMOCERINI Blanchard, 1845  
ENCYCLOPINI LeConte, 1873  
LEPTURINI Latreille, 1802  
OXYMIRINI Danilevsky, 1997  
RHAGIINI Kirby, 1837  
RHAMNUSIINI Sama, 2009  
TELEDAPINI Pascoe, 1871  
XYLOSTEINI Reitter, 1913  
LAMIINAE Latreille, 1825  
ACANTHOCININI Blanchard, 1845  
ACANTHODERINI Thomson, 1860  
ACMOCERINI Thomson, 1864  
ACRIDOCEPHALINI Dillon and Dillon, 1959  
ACROCININI Swainson and Shuckard, 1840  
ADERPASINI Breuning and Teocchi, 1978  
AERENICINI Lacordaire, 1872  
AGAPANTHIINI Mulsant, 1839  
AMPHOEGINI Breuning, 1951  
ANCITINI Aurivillius, 1917  
ANCYYLONOTINI Lacordaire, 1869  
ANISOCERINI Thomson, 1860  
APOMECCYNINI Thomson, 1860  
ASTATHINI Pascoe, 1864  
BATOCERINI Thomson, 1864  
CALLIINI Thomson, 1864  
CEROPLESINI Thomson, 1860  
CEROPLESINA Thomson, 1860  
CROSSOTINA Thomson, 1864  
CLONIOCERINI Lacordaire, 1872

COLOBOTHEINI Thomson, 1860  
COMPSOSOMATINI Thomson, 1857  
CYRTININI Thomson, 1864  
DESMIPHORINI Thomson, 1860  
DORCADIONINI Swainson and Shuckard, 1840  
DORCASCHEMATINI Thomson, 1860  
ELYTRACANTHININI Bousquet, nomen novum  
ENICODINI Thomson, 1864  
EUPROMERINI Galileo and Martins, 1995  
FORSTERIINI Tippmann, 1960  
GNOMINI Thomson, 1860  
GYARITINI Breuning, 1950  
HELIOLINI Breuning, 1951  
HEMILOPHINI Thomson, 1868  
HOMONOEINI Thomson, 1864  
HYBORHABDINI Aurivillius, 1911  
LAMIINI Latreille, 1825  
LATICRANIINI Lane, 1959  
MAUESIINI Lane, 1956  
MEGABASINI Thomson, 1860  
MESOSINI Mulsant, 1839  
MICROCYMATURINI Breuning and Teocchi, 1982  
MONEILEMINI Thomson, 1864  
MONOCHAMINI Gistel, 1848  
MORIMONELLINI Lobanov *et al.*, 1981  
MORIMOPSINI Lacordaire, 1869  
NYCTIMENIINI Gressitt, 1951  
OBEREINI Pascoe, 1864  
OCULARIINI Breuning, 1950  
ONCIDERINI Thomson, 1860  
ONCIDEROPSIDINI Aurivillius, 1922  
ONOCEPHALINI Thomson, 1860  
ONYCHOGLENEINI Aurivillius, 1923  
PARMENINI Mulsant, 1839  
PETROGNATHINI Blanchard, 1845  
PHACELLINI Lacordaire, 1872  
PHANTASINI Kolbe, 1897  
PHRYNETINI Thomson, 1864  
PHYMASTERINI Teocchi, 1989  
PHYTOECIINI Mulsant, 1839  
POGONOCHERINI Mulsant, 1839  
POLYRHAPHIDINI Thomson, 1860  
PRETILIINI Martins and Galileo, 1990  
PROCTOCERINI Aurivillius, 1922  
PROSOPOCERINI Thomson, 1864  
PTEROPLIINI Thomson, 1860  
RHODOPININI Gressitt, 1951  
SAPERDINI Mulsant, 1839  
STENOBIINI Breuning, 1950

- STERNOTOMINI Thomson, 1860  
TAPEININI Thomson, 1857  
TETRAOPINI Thomson, 1860  
TETRAULAXINI Breuning and Teocchi, 1976  
THEOCRIDINI Lacordaire, 1872  
TMESISTERNINI Blanchard, 1853  
TRAGOCEPHALINI Thomson, 1857  
XENICOTELINI Matsushita, 1933  
XENOFREINI Aurivillius, 1923  
XENOLEINI Lacordaire, 1872  
XYLORHIZINI Lacordaire, 1872  
ZYGOCERINI Thomson, 1864  
DORCASOMINAE Lacordaire, 1868  
CERAMBYCINAE Latreille, 1802  
  ACHRYSONINI Lacordaire, 1868  
  AGALLISSINI LeConte, 1873  
  ALANIZINI Di Iorio, 2003  
  ANAGLYPTINI Lacordaire, 1868 [*nomen protectum*]  
  APHANASIINI Lacordaire, 1868  
  APHNEOPINI Lacordaire, 1868  
  AUXESINI Lepesme and Breuning, 1952  
  BASIPTERINI Fragoso *et al.*, 1987  
  BIMIINI Lacordaire, 1868  
  BOTHRIOSPILINI Lane, 1950  
  BRACHYPTEROMINI Sama, 2008  
  CALLICHROMATINI Swainson and Shuckard, 1840  
  CALLIDIINI Kirby, 1837  
  CALLIDIOPINI Lacordaire, 1868  
  CERAMBYCINI Latreille, 1802  
  CERTALLINI Fairmaire, 1864  
  CHLIDONINI Waterhouse, 1879  
  CLYTINI Mulsant, 1839  
  COMPSOCERINI Thomson, 1864  
  COPTOMMATINI Lacordaire, 1869  
  CURIINI LeConte, 1873  
  DEILINI Fairmaire, 1864  
  DEJANIRINI Lacordaire, 1868  
  DIORINI Lane, 1950  
  DISTICHOCERINI Pascoe, 1868  
  DODECOSINI Aurivillius, 1912  
  DRYOBIINI Arnett, 1962  
  EBURIINI Blanchard, 1845  
  ECTENESSINI Martins, 1998  
  ELAPHIDIINI Thomson, 1864  
  ELIGMODERMINI Lacordaire, 1868  
  ERLANDIINI Aurivillius, 1912  
  EROSCHEMINI Lacordaire, 1868  
  EUMICHTHINI Linsley, 1940  
  GAHANIINI Quentin and Villiers, 1969

GLAUCYTINI Lacordaire, 1868  
GRACILIINI Mulsant, 1839  
HESPEROPHANINI Mulsant, 1839  
DARAMINA Sama, 2008  
HESPEROPHANINA Mulsant, 1839  
HESTHESINI Pascoe, 1868  
HETEROPSINI Lacordaire, 1869  
HOLOPLEURINI Chemsak and Linsley, 1974  
HOLOPTERINI Lacordaire, 1868  
HYBODERINI Linsley, 1940  
HYLOTRUPINI Zagajkevich, 1991  
IBIDIONINI Thomson, 1861  
IDERATINI Martins and Napp, 2009  
LISSONOTINI Swainson and Shuckard, 1840  
LYGRINI Sama, 2008  
MACRONINI Lacordaire, 1868  
MEGACOELINI Quentin and Villiers, 1969  
METHIINI Thomson, 1860  
MOLORCHINI Gistel, 1848  
MYTHODINI Lacordaire, 1868  
NECYDALOPSINI Lacordaire, 1868  
NEOSTENINI Lacordaire, 1868  
OBRIINI Mulsant, 1839  
OCHYRINI Pascoe, 1871  
OEDENODERINI Aurivillius, 1912  
OEMINI Lacordaire, 1868  
METHOIDINA Martins, 1997  
OEMINA Lacordaire, 1868  
OPSIMINI LeConte, 1873  
PARAHOLOPTERINI Martins, 1997  
PHALOTINI Lacordaire, 1868  
PHYLCTAENODINI Lacordaire, 1868  
PHORACANTHINI Newman, 1840  
PHYLLARTHRIINI Lepesme and Breuning, 1956  
PIESARTHRIINI McKeown, 1947  
PIEZOCERINI Lacordaire, 1868  
HARUSPICINA Martins, 1976  
PIEZOCERINA Lacordaire, 1868  
PLATYARTHRIINI Bates, 1870  
PLECTOGASTRINI Quentin and Villiers, 1969  
PLECTROMERINI Nearns and Branham, 2008  
PLEIARTHROCERINI Lane, 1950  
PROTAXINI Gahan, 1906  
PROTHEMINI Lacordaire, 1868  
PSEBIINI Lacordaire, 1868  
PSEUDOCEPHALINI Aurivillius, 1912 (1861)  
PSILOMORPHINI Lacordaire, 1868  
PTEROPLATINI Thomson, 1861  
PYRESTINI Lacordaire, 1868

- RHAGIOMORPHINI Newman, 1841  
 RHINOTRAGINI Thomson, 1861  
 RHOPALOPHORINI Blanchard, 1845  
 ROSALIINI Fairmaire, 1864  
 SESTYRINI Lacordaire, 1868  
 SMODICINI Lacordaire, 1869  
 SPINTHERIINI Lacordaire, 1869  
 STENHOMALINI Miroshnikov, 1989  
 STENODERINI Pascoe, 1867  
 STENOPTERINI Gistel, 1848  
 STRONGYLURINI Lacordaire, 1868  
 TESSAROMMATINI Lacordaire, 1868  
 THRANIINI Gahan, 1906  
 THYRSIINI Marinoni and Papp, 1984  
 TILLOMORPHINI Pascoe, 1869  
 TORNEUTINI Thomson, 1861  
 TRACHYDERINI Dupont, 1836  
     ANCYLOCERINA Thomson, 1864  
     TRACHYDERINA Dupont, 1836  
 TRAGOCERINI Pascoe, 1868  
 TRICHOMESIINI Aurivillius, 1912  
 TROPOCALYMMATINI Lacordaire, 1868  
 TYPHOCESINI Lacordaire, 1868  
 UNXIINI Napp, 2007  
 URACANTHINI Blanchard, 1853  
 VESPERELLINI Sama, 2008  
 XYSTROCERINI Blanchard, 1845

## Catalogue of Taxa

### Family Cerambycidae Latreille, 1802

Cerambicini Latreille, 1802: 211. Type genus: *Cerambyx* Linnaeus, 1758 [stem = *Cerambyc-*]. Type species: *Cerambyx cerdo* Linnaeus, 1758 designated by Latreille (1810: 431). Comment. Gistel (1856: 375, 392, 395) used Ceratambycidae for Cerambycidae based on the incorrect subsequent spelling of the type genus *Ceratambyx* Linnaeus (instead of *Cerambyx* Linnaeus).

### Subfamily Vesperinae Mulsant, 1839

Vespéraires Mulsant, 1839: 214. Type genus: *Vesperus* Dejean, 1821 [stem = *Vesper-*]. Type species: *Stenocorus strepens* Fabricius, 1793 designated by Chevrolat (1849: 216). Availability (under Article 11.7.2): Vesperini Mulsant, 1839 (Villiers 1978: 67).

### Subfamily Oxypeltinae Lacordaire, 1868

Oxypeltides Lacordaire, 1868: 403 (key), 461. Type genus: *Oxypeltus* Blanchard, 1851 [stem = *Oxypelt-*]. Type species: *Oxypeltus quadrispinosus* Blanchard, 1851 by monotypy. Availability (under Article 11.7.2): Oxypeltinae Lacord[aire], 1869 (Aurivillius 1912: 254).

### **Subfamily Disteniinae Thomson, 1861**

Distenitae Thomson, 1861: 134 (key), 181, 182 (key) [incorrect original stem]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828 [stem = *Disteni-*]. Type species: *Distenia columbina* Lepeletier and Audinet-Serville, 1828 by monotypy.

### **Tribe Cyrtonopini Gressitt, 1940**

Cyrtonopini Gressitt, 1940: 27, 28 (key). Type genus: *Cyrtonops* White, 1853 [stem = *Cyrtonop-*]. Type species: *Cyrtonops punctipennis* White, 1853 by monotypy.

### **Tribe Disteniini Thomson, 1861**

Cométites Blanchard, 1845: 163 (based on *Cometes* Lepeletier and Audinet-Serville, 1828).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).

Distenitae Thomson, 1861: 134 (key), 181, 182 (key) [incorrect original stem]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828 [stem = *Disteni-*]. Type species: *Distenia columbina* Lepeletier and Audinet-Serville, 1828 by monotypy.

### **Tribe Dynamostini Lacordaire, 1868**

Dynamostides Lacordaire, 1868: 194 (key), 196. Type genus: *Dynamistes* Pascoe, 1857 [stem = *Dynamost-*]. Type species: *Dynamistes audax* Pascoe, 1857 by monotypy. Availability (under Article 11.7.2): Dynamostini Lacordaire, 1869 (Santos-Silva and Martins 2004: 145).

### **Tribe Heteropalpini Villiers, 1961**

Heteropalpini Villiers, 1961: 385. Type genus: *Heteropalpus* Buquet, 1843 [stem = *Heteropalp-*]. Type species: *Heteropalpus pretiosus* Buquet, 1843 by monotypy.

### **Subfamily Anoplodermatinae Guérin-Méneville, 1840**

Anoplodermiens Guérin-Méneville, 1840: 276 [incorrect original stem]. Type genus: *Anoploderma* Guérin-Méneville, 1840 [stem = *Anoplodermat-*]. Type species: *Anoploderma bicolor* Guérin-Méneville, 1840 by monotypy. Availability (under Article 11.7.2): Anoplodermatinae Guérin-Méneville, 1840 (Monné 1994c: 9).

### **Tribe Anoplodermatini Guérin-Méneville, 1840**

Anoplodermiens Guérin-Méneville, 1840: 276 [incorrect original stem]. Type genus: *Anoploderma* Guérin-Méneville, 1840 [stem = *Anoplodermat-*]. Type species: *Anoploderma bicolor* Guérin-Méneville, 1840 by monotypy. Availability (under Article 11.7.2): Anoplodermatini Guérin-Méneville, 1840 (Monné 1994c: 9).

Cherrocriinae Prosen, 1960: 90. Type genus: *Cherrocarius* Berg, 1898 [stem = *Cherrocri-*]. Type species: *Cherrocarius bruchi* Berg, 1898 by original designation.

### **Tribe Hypocephalini Blanchard, 1845**

Hypocéphaliens Blanchard, 1845: 135. Type genus: *Hypocephalus* Desmarest, 1832 [stem = *Hypocephal-*]. Type species: *Hypocephalus armatus* Desmarest, 1832 by monotypy. Availability (under Article 11.7.2): Hypocephali Blanchard, 1845 (Lameere 1913: 94).

### **Tribe Mysteriini Prosen, 1960**

Mysterinae Prosen, 1960: 90 [incorrect original stem]. Type genus: *Mysteria* Thomson, 1860 [stem = *Mysteri-*]. Type species: *Mysteria cylindripennis* Thomson, 1860 by monotypy.

## **Subfamily Philinae Thomson, 1861**

Philitae Thomson, 1861: 284 (key), 297. Type genus: *Philus* Saunders, 1853 [stem = *Phil-*].  
Type species: *Philus inconspicuus* Saunders, 1853 by monotypy.

## **Subfamily Parandrinae Blanchard, 1845**

Parandrides Blanchard, 1845: 134. Type genus: *Parandra* Latreille, 1802 [stem = *Parandr-*].  
Type species: *Attelabus glaber* DeGeer, 1774 by monotypy. Availability (under Article 11.7.2): Parandrae Blanchard, 1845 (Lameere 1913: 4). Comment. Bousquet (2008: 620-621) pointed out that the author of *Parandra* is Olivier (1803: 100). However, Latreille (1802: 160) established the genus earlier as “Gen. Parandre; *parandre*” followed by a description. There is clear evidence from the original publication that the second “parandre” is a lapsus calami or a printer error for “*parandra*” since all other genera cited in the text were listed under their vernacular name first, followed by their Latin name.

## **Tribe Erichsoniini Thomson, 1861**

Erichsonitae Thomson, 1861: 140 (key), 271 (key), 274 [incorrect original stem]. Type genus: *Erichsonia* Westwood, 1849 [stem = *Erichsoni-*]. Type species: *Erichsonia dentifrons* Westwood, 1849 by monotypy.

## **Tribe Parandrini Blanchard, 1845**

Parandrides Blanchard, 1845: 134. Type genus: *Parandra* Latreille, 1802 [stem = *Parandr-*].  
Type species: *Attelabus glaber* DeGeer, 1774 by monotypy. Availability (under Article 11.7.2): Parandrae Blanchard, 1845 (Lameere 1913: 4).

## **Subfamily Prioninae Latreille, 1802**

Prionii Latreille, 1802: 212. Type genus: *Prionus* Geoffroy, 1762 [stem = *Prion-*]. Type species: *Cerambyx coriarius* Linnaeus, 1758 (see ICZN 1994: 60).

## **Tribe Acanthophorini Thomson, 1864**

Acanthophoritae Thomson, 1864: 289. Type genus: *Acanthophorus* Audinet-Serville, 1832 [stem = *Acanthophor-*]. Type species: *Prionus serraticornis* Olivier, 1795 designated by Thomson (1864: 289).

## **Tribe Aegosomatini Thomson, 1861**

Aegosomitae Thomson, 1861: 288 (key), 308 [incorrect original stem]. Type genus: *Aegosoma* Audinet-Serville, 1832 [stem = *Aegosomat-*]. Type species: *Cerambyx scabricornis* Scopoli, 1763 by monotypy.

Catypnides Lacordaire, 1868: 62 (based on *Catypnes* Pascoe, 1864). **Nomen nudum**.  
Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Jamwoninae Kolbe 1897: 294. Type genus: *Jamwonus* Harold, 1879 [stem = *Jamwon-*]. Type species: *Jamwonus subcostatus* Harold, 1879 by monotypy.

Megopides Lameere, 1912: 181. Type genus: *Megopis* Audinet-Serville, 1832 [stem = *Megopid-*]. Type species: *Megopis mutica* Audinet-Serville, 1832 by monotypy.

## **Tribe Anacolini Thomson, 1857**

Anacolites Thomson, 1857a: 10. Type genus: *Anacolus* Berthold, 1827 [stem = *Anacol-*].  
Type species: *Prionus sanguineus* Lepeletier and Audinet-Serville, 1825 designated by Desmarest (1860: 306). Availability (under Article 11.7.2): Anacolini Thomson, 1857 (Galileo 1987: 482).

Poecilosomides Lacordaire, 1868: 171, 185 (based on *Poecilosoma* Agassiz, 1846, unjustified emendation of *Poekilosoma* Audinet-Serville, 1832 not in prevailing usage). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Poecilosomi Bates, 1869: 49 [incorrect original stem]. Type genus: *Poecilosoma* Agassiz, 1846 (unjustified emendation of *Poekilosoma* Audinet-Serville, 1832 not in prevailing usage) [stem = *Poekilosomat-*]. Type species: *Prionus ornatus* Dalman, 1823 designated by Thomson (1864: 276).

Erythraeninae Bates, 1875: 52. Type genus: *Erythraenus* Bates, 1875 [stem = *Erythraen-*]. Type species: *Erythraenus borneensis* Bates, 1875 by monotypy.

Sobarines Lameere, 1901: 320 (based on *Sobarus* Harold, 1879). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Délochiliens Lameere, 1912: 57 (based on *Delochilus* Gemminger and Harold, 1872).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Delochili Lameere, 1913: 85. Type genus: *Delochilus* Gemminger and Harold, 1872 (unjustified emendation of *Delocheilus* Thomson, 1860 not in prevailing usage) [stem = *Delocheil-*]. Type species: *Delocheilus prionoides* Thomson, 1860 by monotypy.

Sobari Lameere, 1913: 85. Type genus: *Sobarus* Harold, 1879 (junior homonym of *Sobarus* Loew, 1855 [Diptera]) [stem = *Sobar-*]. Type species: *Sobarus poggei* Harold, 1879 by monotypy. Comment: This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

### Tribe Cacoscelini Thomson, 1861

Notophysites Blanchard, 1845: 138, 164 (based on *Notophysis* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845)

Cacoscelitae Thomson, 1861: 294 (key), 325. Type genus: *Cacosceles* Newman, 1838 [stem = *Cacoscel-*]. Type species: *Cacosceles oedipus* Newman, 1838 by monotypy.

Colpodérideres Lacordaire, 1868: 56, 133 (based on *Colpoderus* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Colpoderinae Pascoe, 1869: 673. Type genus: *Colpoderus* Audinet-Serville, 1832 [stem = *Colpoder-*]. Type species: *Colpoderus caffer* Audinet-Serville, 1832 by monotypy.

Nothophysini Lameere, 1903a: 4 (key), 19 [incorrect original stem]. Type genus: *Nothophysis* Scudder, 1882 (unjustified emendation of *Notophysis* Audinet-Serville, 1832 not in prevailing usage) [stem = *Notophyse-*]. Type species: *Nothophysis lucanoides* Audinet-Serville, 1832 by monotypy.

### Tribe Callipogonini Thomson, 1861

Callipogonitae Thomson, 1861: 293 (key), 323. Type genus: *Callipogon* Audinet-Serville, 1832 [stem = *Callipogon-*]. Type species: *Prionus barbatus* Fabricius, 1781 by monotypy.

Anacanthitae Thomson, 1864: 285. Type genus: *Anacanthus* Audinet-Serville, 1832 (junior homonym of *Anacanthus* Gray, 1831 [Pisces]) [stem = *Anacanth-*]. Type species: *Anacanthus costatus* Audinet-Serville, 1832 by monotypy. Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

Enoploceritae Thomson, 1864: 290. Type genus: *Enoplocerus* Audinet-Serville, 1832 [stem = *Enoplocer-*]. Type species: *Prionus armillatus* Fabricius, 1775 by monotypy.

Orthomegitae Thomson, 1864: 294. Type genus: *Orthomegas* Audinet-Serville, 1832 [stem = *Orthomeg-*]. Type species: *Cerambyx corticinus* Olivier, 1790 designated by Desmarest (1860: 307).

Ctenoscelitae Thomson, 1864: 295 [incorrect original stem]. Type genus: *Ctenoscelis* Audinet-Serville, 1832 [stem = *Ctenoscelid-*]. Type species: *Prionus ater* Olivier, 1795 designated by Thomson (1864: 297).

### Tribe Calocomini Galileo and Martins, 1993

Calocomini Galileo and Martins, 1993: 81. Type genus: *Calocomus* Audinet-Serville, 1832 [stem = *Calocom-*]. Type species: *Prionus desmarestii* Guérin-Méneville, 1839 designated by Thomson (1864: 275).

### Tribe Cantharocnemini Thomson, 1861

Cantharocnemita Thomson, 1861: 140 (key), 271 (key), 274, 275 (key) [incorrect original stem]. Type genus: *Cantharocnemis* Audinet-Serville, 1832 [stem = *Cantharocnemid-*]. Type species: *Cantharocnemis spondyloides* Audinet-Serville, 1832 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Scéléocanthides Lacordaire, 1868: 21, 34 (based on *Sceleocantha* Newman, 1840). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

### Tribe Ergatini Fairmaire, 1864

Ergatites Fairmaire, 1864: 117, 191 (key). Type genus: *Ergates* Audinet-Serville, 1832 [stem = *Ergat-*]. Type species: *Prionus serrarius* Panzer, 1793 by monotypy. Availability (under Article 11.7.2): Ergatini Fairmaire, 1864 (Linsley 1962a: 24).

### Tribe Eurypodini Gahan, 1906

Zaracides Lacordaire, 1868: 56, 131 (based on *Zarax* Pascoe, 1867). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Zaracinae Pascoe, 1869: 672. Type genus: *Zarax* Pascoe, 1867 [stem = *Zarac-*]. Type species: *Zarax eurypodioides* Pascoe, 1867 by monotypy. Comment. This name has precedence over Eurypodini Gahan, 1906 but has not been used as a valid name after 1899 to our knowledge. Unfortunately, we are unable to provide 25 references for Eurypodini in the immediately preceding 50 years. Nevertheless, we believe the name Eurypodini should be preserved for this group and an application submitted to the Commission.

Eurypodini Gahan, 1906: 4 (key), 27. Type genus: *Eurypoda* Saunders, 1853 [stem = *Euryopod-*]. Type species: *Eurypoda antennata* Saunders, 1853 by monotypy.

### Tribe Hoplilderini Thomson, 1864

Hoplilderitae Thomson, 1864: 290. Type genus: *Hoplideres* Audinet-Serville, 1832 [stem = *Hoplider-*]. Type species: *Hoplideres spinipennis* Audinet-Serville, 1832 by monotypy.

### Tribe Macrodontiini Thomson, 1861

Macrodontitae Thomson, 1861: 294 (key), 324 [incorrect original stem]. Type genus: *Macrodontia* Lacordaire, 1830 [stem = *Macrodonti-*]. Type species: *Cerambyx cervicornis* Linnaeus, 1758 by monotypy.

*Acanthinderitae* Thomson, 1864: 294. Type genus: *Acanthinderia* Hope, 1833 [stem = *Acanthinder-*]. Type species: *Acanthinderia cumingii* Hope, 1833 by original designation.

*Ancistrotides* Lacordaire, 1868: 56, 81 (based on *Ancistrotus* Audinet-Serville, 1832).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

*Ancistrotini* Lameere 1919: 90. Type genus: *Ancistrotus* Audinet-Serville, 1832 [stem = *Ancistrot-*]. Type species: *Ancistrotus hamaticollis* Audinet-Serville, 1832 by monotypy.

### Tribe Macrotomini Thomson, 1861

*Macrotomitae* Thomson, 1861: 290 (key), 312. Type genus: *Macrotoma* Audinet-Serville, 1832 [stem = *Macrotom-*]. Type species: *Prionus palmatus* Fabricius, 1792 designated by Desmarest (1860: 307).

#### Subtribe Archetypina Lameere, 1912

*Archetypi* Lameere, 1912: 180. Type genus: *Archetypus* Thomson, 1861 [stem = *Archetyp-*].

Type species: *Archetypus parandroides* Thomson, 1861 designated by Thomson (1864: 307).

#### Subtribe Basitoxina Lameere, 1912

*Mecosarthrines* Lameere, 1903c: 307 (based on *Mecosartron* Buquet, 1840). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

*Basitoxi* Lameere, 1912: 180. Type genus: *Basitoxus* Audinet-Serville, 1832 [stem = *Basitox-*]. Type species: *Basitoxus armatus* Audinet-Serville, 1832 designated by Desmarest (1860: 307).

*Mecosarthrini* Melzer, 1919: 35. Type genus: *Mecosartron* Buquet, 1840 [stem = *Mecosarthr-*]. Type species: *Mecosartron buphagus* Buquet, 1840 by monotypy.

#### Subtribe Macrotomina Thomson, 1861

*Macrotomitae* Thomson, 1861: 290 (key), 312. Type genus: *Macrotoma* Audinet-Serville, 1832 [stem = *Macrotom-*]. Type species: *Prionus palmatus* Fabricius, 1792 designated by Desmarest (1860: 307). Comment. *Macrotoma* Audinet-Serville, 1832 [July] is a junior homonym of *Macrotoma* Laporte, 1832 [April], a junior synonym of *Longina* Wiedemann, 1830 (Diptera). Heffern *et al.* (2006) applied the reversal of precedence (Article 23.9) to qualify *Macrotoma* Audinet-Serville of *nomen protectum*.

*Aulacopides* Lacordaire, 1868: 56, 101 (based on *Aulacopus* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

*Aulacopinae* Kolbe 1897: 295. Tyte genus: *Aulacopus* Audinet-Serville, 1832 [stem = *Aulacop-*]. Type species: *Aulacopus reticulatus* Audinet-Serville, 1832 by monotypy.

*Cnemoplitiens* Lameere, 1903b: 1 (based on *Cnemoplites* Newman, 1842). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

*Cnemoplitinae* Schröder, 1905: vii. Type genus: *Cnemoplites* Newman, 1842 [stem = *Cnemoplit-*]. Type species: *Cnemoplites edulis* Newman, 1842 designated by Thomson (1864: 301). Comment. This family-group name was proposed in an index which we credit to the editor of the journal, Christoph Schröder.

*Prinobiini* Vives, 2000: 84 [replacement name for Macrotomini Thomson, 1861]. Type genus: *Prinobius* Mulsant, 1842 [stem = *Prinobi-*]. Type species: *Prinobius myardi* Mulsant, 1842 (= *Macrotoma germari* Dejean, 1835) by monotypy.

### **Subtribe Mallodonina Thomson, 1861**

Mallodonitae Thomson, 1861: 292 (key), 318 [incorrect original stem]. Type genus: *Mallodon* Lacordaire, 1830 [stem = *Mallodont-*]. Type species: *Cerambyx spinibarbis* Linnaeus, 1758 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Sténodontines Lameere, 1902: 63 (based on *Stenodontes* Audinet-Serville, 1832). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Stenodontini Lameere, 1903a: 4 (key), 54. Type genus: *Stenodontes* Audinet-Serville, 1832 [stem = *Stenodont-*]. Type species: *Prionus exsertus* Olivier, 1795 designated by Desmarest (1860: 307).

### **Subtribe Platynathina Gilmour, 1954**

Platynathina Gilmour, 1954: 33. Type genus: *Platynathus* Audinet-Serville, 1832 [stem = *Platynath-*]. Type species: *Prionus octangularis* Olivier, 1795 designated by Desmarest (1860: 307). Comment. Gilmour (1954: 33) did not provide a description of his new taxon but gave three bibliographic references to *Megopides*. However, the *Megopides* concept in these three references do not exactly correspond to Gilmour's concept of his Platynathina. Therefore we consider that Gilmour (1954) did not provide a bibliographic reference to a description. Nevertheless, his new name is available because it was used as valid before 2000 (e.g., Ferreira and Veiga Ferreira 1959a: 34, as Platynathina Gilmour, 1954) and was not rejected by an author who, after 1960 and before 2000, expressly applied Article 13 of the then current editions of the Code (Article 13.2.1).

Platynathina Quentin and Villiers, 1975: 24 (key), 25. Type genus: *Platynathus* Audinet-Serville, 1832 [stem = *Platynath-*]. Type species: *Prionus octangularis* Olivier, 1795 designated by Desmarest (1860: 307). Comment. This name was proposed as a new taxon, without reference to Gilmour's Platynathina.

### **Subtribe Remphanina Pascoe, 1869**

Remphanides Lacordaire, 1868: 56, 103 (based on *Remphan* Waterhouse, 1835). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Remphaninae Pascoe, 1869: 667. Type genus: *Remphan* Waterhouse, 1835 [stem = *Remphan-*]. Type species: *Remphan hopei* Waterhouse, 1835 by monotypy.

Rhaphipodi Lameere, 1912: 181. Type genus: *Rhaphipodus* Audinet-Serville, 1832 [stem = *Rhaphipod-*]. Type species: *Rhaphipodus suturalis* Audinet-Serville, 1832 by monotypy.

### **Subtribe Xixuthrina Lameere, 1912**

Xixuthri Lameere, 1912: 181. Type genus: *Xixuthrus* Thomson, 1864 [stem = *Xixuthr-*]. Type species: *Macrotoma microcerus* White, 1853 by original designation.

### **Tribe Mallaspini Thomson, 1861**

Mallaspitae Thomson, 1861: 286 (key), 302 [incorrect original stem]. Type genus: *Mallaspis* Audinet-Serville, 1832 [stem = *Mallaspid-*]. Type species: *Prionus scutellaris* Olivier, 1795 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

- Pyrodides Lacordaire, 1868: 174 (based on *Pyrodes* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).
- Pyrodini Harold, 1879: 165. Type genus: *Pyrodes* Audinet-Serville, 1832 [stem = *Pyrod-*]. Type species: *Prionus speciosus* Olivier, 1795 designated by Desmarest (1860: 308).

### Tribe Meroscelisini Thomson, 1861

- Meroscelisitae Thomson, 1861: 285 (key), 299. Type genus: *Meroscelis* Audinet-Serville, 1832 [stem = *Meroscelis-*]. Type species: *Meroscelis violaceus* Audinet-Serville, 1832 by monotypy.
- Tragosomitae Thomson, 1864: 286 [incorrect original stem]. Type genus: *Tragosoma* Audinet-Serville, 1832 [stem = *Tragosomat-*]. Type species: *Cerambyx depsarius* Linnaeus, 1767 by monotypy.
- Tragosomites Fairmaire, 1864: 119 (based on *Tragosoma* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).
- Clostérideres Lacordaire, 1868: 149. Type genus: *Closterus* Audinet-Serville, 1832 [stem = *Closter-*]. Type species: *Closterus flabellicornis* Audinet-Serville, 1832 by monotypy. Availability (under Article 11.7.2): Closteri Lacord[aire], 1869 (Lameere 1913: 81).
- Monodesmides Lacordaire, 1868: 140, 157 (based on *Monodesmus* Audinet-Serville, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).
- Monodesminae Gahan, 1890: 299. Type genus: *Monodesmus* Audinet-Serville, 1832 [stem = *Monodesm-*]. Type species: *Monodesmus callidioides* Audinet-Serville, 1832 by monotypy.
- Luluina Gilmour, 1956: 181 (key), 222. Type genus: *Lulua* Burgeon, 1931 [stem = *Lulu-*]. Type species: *Lulua squamosa* Burgeon, 1931 by monotypy.

### Tribe Prionini Latreille, 1802

- Prionii Latreille, 1802: 212. Type genus: *Prionus* Geoffroy, 1762 [stem = *Prion-*]. Type species: *Cerambyx coriarius* Linnaeus, 1758 (see ICBN 1994: 60).
- Prioceria Rafinesque, 1815: 116 (based on *Prioceras* Rafinesque, 1815). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.1.1 (not based on an available generic name). Rafinesque (1815: 116) listed the genus "Prioceras R. sp. do." following the genus "Prionus Fabr." in his subfamily Prioceria. The abbreviations given by Rafinesque after the genus name *Prioceras* mean it is a new genus by the author "R[afinesque]" and it includes some species from the previous genus, i.e., *Prionus*. Rafinesque does not list which species he includes in his new genus *Prioceras* and we are unaware of any subsequent validation of this name. *Prioceras* Rafinesque is listed as a nomen nudum in Neave (1940: 889) and Sherborn (1929: 5148).
- Cyrtognathites Blanchard, 1845: 138, 164 (based on *Cyrtognathus* Faldermann, 1835). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).
- Psalidognathites Blanchard, 1845: 138, 165 (based on *Psalidognathus* Gray, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).
- Prionommitae Thomson, 1861: 295 (key), 327 [incorrect original stem]. Type genus: *Prionomma* White, 1853 [stem = *Prionommat-*]. Type species: *Prionus orientalis* Olivier, 1795 by monotypy.

Cyrthognathitae Thomson, 1861: 328 [incorrect original stem]. Type genus: *Cyrtognathus* Faldermann, 1835 [stem = *Cyrtognath-*]. Type species: *Prionus paradoxus* Falderman, 1833 by monotypy. Comment. Thomson (1861) used *Cyrthognathus*, an incorrect subsequent spelling of *Cyrtognathus* Faldermann, 1835 not in prevailing usage.

Psalidognathitae Thomson, 1861: 331. Type genus: *Psalidognathus* Gray, 1832 [stem = *Psalidognath-*]. Type species: *Psalidognathus friendii* Gray, 1832 by monotypy.

Orthosomitae Thomson, 1864: 284 [incorrect original stem]. Type genus: *Orthosoma* Audinet-Serville, 1832 [stem = *Orthosomat-*]. Type species: *Prionus cylindricus* Fabricius, 1775 by monotypy.

Pithoclitae Thomson, 1864: 291. Type genus: *Pithocles* Thomson, 1864 [stem = *Pithocl-*]. Type species: *Derobrachus procerus* Thomson, 1860 by original designation.

Derobrachitae Thomson, 1864: 291. Type genus: *Derobrachus* Audinet-Serville, 1832 [stem = *Derobrach-*]. Type species: *Derobrachus brevicollis* Audinet-Serville, 1832 by monotypy.

Titanitae Thomson, 1864: 292. Type genus: *Titanus* Audinet-Serville, 1832 [stem = *Titan-*]. Type species: *Cerambyx giganteus* Linnaeus, 1771 by monotypy.

Aulacoceritae Thomson, 1864: 292. Type genus: *Aulacocerus* White, 1853 [stem = *Aulacocer-*]. Type species: *Aulacocerus mundus* White, 1853 by monotypy.

Psalidocoptides Lacordaire, 1868: 37, 38 (based on *Psalidocoptus* White, 1856). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Polyarthrides Lacordaire, 1868: 38, 44 (based on *Polyarthron* Audinet-Serville, 1832). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Micropsalides Lacordaire, 1868: 42 (based on *Micropsalis* Burmeister, 1865). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Polyarthrini Gounelle, 1911: 326. Type genus: *Polyarthron* Audinet-Serville, 1832 [stem = *Polyarthr-*]. Type species: *Prionus pectinicornis* Fabricius, 1792 by monotypy.

Micropsalini Gounelle, 1911: 326. Type genus: *Micropsalis* Burmeister, 1861 (junior homonym of *Micropsalis* Meyer, 1859 [Crustacea]) [stem = *Micropsal-*]. Type species: *Micropsalis heterogama* Burmeister, 1861 by monotypy. Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

### Tribe Solenopterini Lacordaire, 1868

Solénoptérides Lacordaire, 1868: 171 (key), 180. Type genus: *Solenoptera* Audinet-Serville, 1832 [stem = *Solenopter-*]. Type species: *Prionus canaliculatus* Fabricius, 1787 designated by Villiers (1980a: 144). Availability (under Article 11.7.2): Solenopterini Lacordaire, 1869 (Monné 1995d: 37).

Dérancistrines Lameere, 1909: 1 (based on *Derancistrus* Audinet-Serville, 1832). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Derancistrini Lameere, 1912: 181. Type genus: *Derancistrus* Audinet-Serville, 1832 [stem = *Derancistr-*]. Type species: *Prionus elegans* Palisot de Beauvois, 1819 by monotypy.

### Tribe Tereticini Lameere, 1913

Téréticiens Lameere, 1912: 72 (based on *Tereticus* Waterhouse, 1879). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Teretici Lameere, 1913: 87. Type genus: *Tereticus* Waterhouse, 1879 [stem = *Teretic-*]. Type species: *Tereticus pectinicornis* Waterhouse, 1879 by monotypy.

### Tribe Vesperoctenini Vives, 2005

Vesperoctenini Vives, 2005: 438. Type genus: *Vesperoctenus* Bates, 1891 [stem = *Vesperocten-*]. Type species: *Vesperoctenus flohri* Bates, 1891 by monotypy.

### Subfamily Spondylidinae Audinet-Serville, 1832

Spondylii Audinet-Serville, 1832: 123 [incorrect original stem]. Type genus: *Spondylis* Fabricius, 1775 [stem = *Spondylid-*]. Type species: *Attelabus buprestoides* Linnaeus, 1758 designated by Latreille (1810: 431).

### Tribe Anisarthrini Mamaev and Danilevsky, 1973

Anisarthrites Fairmaire, 1864: 124 (based on *Anisarthron* Dejean, 1835). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).

Anisarthronini Mamaev and Danilevsky, 1973: 1258 (key), 1260 [incorrect original stem]. Type genus: *Anisarthron* Dejean, 1835 [stem = *Anisarthr-*]. Type species: *Cerambyx barbipes* Schrank, 1781 by monotypy. Comment. This family-group name was proposed as a new taxon, without reference to Fairmaire's Anisarthrites.

### Tribe Asemini Thomson, 1861

Asemitae Thomson, 1861: 139 (key), 259. Type genus: *Asemum* Eschscholtz, 1830 [stem = *Asem-*]. Type species: *Cerambyx striatus* Linnaeus, 1758 designated by Westwood (1838: 40).

Criomorphates Mulsant, 1863: 79, 115 (based on *Criomorphus* Mulsant, 1839). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

Criocéphalites Fairmaire, 1864: 125, 192 (based on *Crioccephalus* Mulsant, 1839). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).

Tetropiina Seidlitz, 1891: 179. Type genus: *Tetropium* Kirby, 1837 [stem = *Tetropi-*]. Type species: *Callidium cinnamopterum* Kirby, 1837 (see ICBN 1988: 71).

Criocéphalinae Sharp, 1905: 147. Type genus: *Crioccephalus* Mulsant, 1839 [stem = *Crioccephal-*]. Type species: *Cerambyx rusticus* Linnaeus, 1758 by monotypy.

Criomorphini Portevin, 1927: 36. Type genus: *Criomorphus* Mulsant, 1839 (junior homonym of *Criomorphus* Curtis, 1831 [Hemiptera]) [stem = *Criomorph-*]. Type species: *Callidium aulicum* Fabricius, 1775 by monotypy. Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

Nothorhinini Zagajkevich, 1991: 110. Type genus: *Nothorhina* Redtenbacher, 1845 [stem = *Nothorhin-*]. Type species: *Callidium muricatum* Dalman, 1817 designated by Thomson (1864: 267). Comment. This name has been listed in synonymy with the Asemini by Vives and Alonso-Zarazaga (2000: 569).

### Tribe Atimiini LeConte, 1873

Atimiini LeConte, 1873: 292 (key), 322. Type genus: *Atimia* Haldeman, 1847 [stem = *Atimi-*]. Type species: *Atimia tristis* Haldeman, 1847 by monotypy.

### **Tribe Saphanini Gistel, 1848**

Saphanidae Gistel, 1848: [1]. Type genus: *Saphanus* Audinet-Serville, 1834 [stem = *Saphan-*]. Type species: *Callidium spinosum* Fabricius, 1801 by monotypy.

Michthysomini LeConte, 1873: 330 (key), 332 [incorrect original stem]. Type genus: *Michthisoma* LeConte, 1850 [stem = *Michthisomat-*]. Type species: *Michthisoma heterodoxus* LeConte, 1850 by monotypy. Comment. LeConte (1873) used *Michthysoma*, an incorrect subsequent spelling of *Michthisoma* LeConte, 1850 not in prevailing usage.

### **Tribe Spondylidini Audinet-Serville, 1832**

Spondylii Audinet-Serville, 1832: 123 [incorrect original stem]. Type genus: *Spondylis* Fabricius, 1775 [stem = *Spondylid-*]. Type species: *Attelabus buprestoides* Linnaeus, 1758 designated by Latreille (1810: 431).

### **Subfamily Necydalinae Latreille, 1825**

Necydalides Latreille, 1825: 401. Type genus: *Necydalis* Linnaeus, 1758 [stem = *Necydal-*]. Type species: *Necydalis major* Linnaeus, 1758 designated by Latreille (1829: 120).

### **Subfamily Lepturinae Latreille, 1802**

Lepturetae Latreille, 1802: 218. Type genus: *Leptura* Linnaeus, 1758 [stem = *Leptur-*]. Type species: *Leptura quadrifasciata* Linnaeus, 1758 designated by Westwood (1838: 41).

### **Tribe Desmocerini Blanchard, 1845**

Desmocérites Blanchard, 1845: 163, 177. Type genus: *Desmocerus* Dejean, 1821 [stem = *Desmocer-*]. Type species: *Stenocorus cyaneus* Fabricius, 1775 by monotypy. Availability (under Article 11.7.2): Desmocerini Blanchard, 1845 (Monné 1995c: 1).

### **Tribe Encyclopini LeConte, 1873**

Encyclopini LeConte, 1873: 292 (key), 326. Type genus: *Encyclops* Newman, 1838 [stem = *Encyclop-*]. Type species: *Encyclops pallipes* Newman, 1838 by monotypy.

### **Tribe Lepturini Latreille, 1802**

Lepturetae Latreille, 1802: 218. Type genus: *Leptura* Linnaeus, 1758 [stem = *Leptur-*]. Type species: *Leptura quadrifasciata* Linnaeus, 1758 designated by Westwood (1838: 41)

Grammoptérates Mulsant, 1863: 569 (based on *Grammoptera* Audinet-Serville, 1835).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

Strangalini Zagajkevich, 1991: 96 (based on *Strangalia* Audinet-Serville, 1835). **Nomen nudum.**

Comment. This name is unavailable under Article 11.5 (first published as a junior synonym).

### **Tribe Oxymirini Danilevsky, 1997**

Oxymirini Danilevsky [in Althoff and Danilevsky], 1997: 8. Type genus: *Oxymirus* Mulsant, 1862 [stem = *Oxymir-*]. Type species: *Cerambyx cursor* Linnaeus, 1758 by monotypy.

### **Tribe Rhagiini Kirby, 1837**

Rhagiidae Kirby, 1837: 178. Type genus: *Rhagium* Fabricius, 1775 [stem = *Rhagi-*]. Type species: *Cerambyx inquisitor* Linnaeus, 1758 designated by Westwood (1838: 41).

Toxotaires Mulsant, 1839: 230 (based on *Toxotus* Dejean, 1821). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant, 1839).

*Pachytes* Motschulsky, 1849: 60 (based on *Pachyta* Dejean, 1821). **Nomen nudum**.

Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Motschulsky 1849).

*Stenocoritae* Thomson, 1861: 156. Type genus: *Stenocorus* Geoffroy, 1762 [stem = *Stenocor-*]. Type species: *Leptura meridiana* Linnaeus, 1758 (ICZN 1994: 60). Comment. Thomson (1861: 156) is the first author to have used a family-group name based on *Stenocorus* Geoffroy, 1762 in its current concept. The older name *Stenocoridae* Hope, 1834 was based on *Stenocorus* Geoffroy sensu Hope, 1834 (= *Phoracantha* Newman, 1840).

*Toxoti* LeConte and Horn, 1883: 313. Type genus: *Toxotus* Dejean, 1821 [stem = *Toxot-*].

Type species: *Leptura meridiana* Linnaeus, 1758 designated by Westwood (1838: 41). Comment. This family-group name is a junior homonym of *Toxotidae* Günther, 1860 (based on *Toxotes* Cuvier and Cloquet, 1816 [Perciformes]). The case is to be referred to the Commission for a ruling to remove the homonymy (Article 55.3.1).

*Pachytini* Portevin, 1934: 119 (key), 129. Type genus: *Pachyta* Dejean, 1821 [stem = *Pachyt-*].

Type species: *Leptura octomaculata* Fabricius, 1792 designated by Westwood (1838: 41).

### Tribe Rhamnusiini Sama, 2009

*Enoploderini* Danilevsky [in Althoff and Danilevsky], 1997: 9 (based on *Enoploderes* Faldermann, 1837). **Nomen nudum**. Comment. This name is unavailable under Article 13.1 (no description or indication).

*Rhamnusiini* Danilevsky [in Althoff and Danilevsky], 1997: 9 (based on *Rhamnusium* Latreille, 1829). **Nomen nudum**. Comment. This name is unavailable under Article 13.1 (no description or indication).

*Rhamnusiini* Sama [in Sama and Sudre], 2009: 383. Type genus: *Rhamnusium* Latreille, 1829 [stem = *Rhamnusi-*]. Type species: *Callidium salicis* Fabricius, 1787 by monotypy.

### Tribe Teledapini Pascoe, 1871

*Teledapinae* Pascoe, 1871: 268. Type genus: *Teledapus* Pascoe, 1871 [stem = *Teledap-*].

Type species: *Teledapus dorcadiooides* Pascoe, 1871 by monotypy.

### Tribe Xylosteini Reitter, 1913

*Xylosteina* Reitter, 1913: 5. Type genus: *Xylosteus* Frivaldszky, 1838 [stem = *Xyloste-*]. Type species: *Xylosteus spinolae* Frivaldszky, 1838 by monotypy.

### Subfamily Lamiinae Latreille, 1825

*Lamiaiae* Latreille, 1825: 401. Type genus: *Lamia* Fabricius, 1775 [stem = *Lami-*]. Type species: *Cerambyx textor* Linnaeus, 1758 designated by Latreille (1810: 431).

### Tribe Acanthocinini Blanchard, 1845

*Aedilaires* Mulsant, 1839: 142 (based on *Aedilis* Audinet-Serville, 1835). **Nomen nudum**.

Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1839).

*Acanthocinites* Blanchard, 1845: 154, 173. Type genus: *Acanthocinus* Dejean, 1821 [stem = *Acanthocin-*]. Type species: *Cerambyx aedilis* Linnaeus, 1758 designated by Blanchard (1841: pl. 67). Availability (under Article 11.7.2): Acanthocinini Blanchard, 1845 (Monné 1995a: 1).

*Trypanidiitae* Thomson, 1860: 2 (key), 6 (key), 7. Type genus: *Trypanidius* Blanchard, 1846 [stem = *Trypanidi-*]. Type species: *Trypanidius andicola* Blanchard, 1846 by monotypy.

Dectitae Thomson, 1860: 5 (key), 127. Type genus: *Dectes* LeConte, 1852 [stem = *Dect-*].  
Type species: *Lamia spinosa* Say, 1826 by monotypy.

Astynomaires Mulsant, 1863: 286 (based on *Astynomus* Dejean, 1835). **Nomen nudum.**  
Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

Lagocheirinae Bates, 1863: 100. Type genus: *Lagocheirus* Dejean, 1835 [stem = *Lagocheir-*].  
Type species: *Cerambyx araneiformis* Linnaeus, 1767 by monotypy.

Liopi LeConte, 1873: 338. Type genus: *Liopus* Agassiz, 1846 (unjustified emendation of *Leiopus* Audinet-Serville, 1835 not in prevailing usage) [stem = *Leiop-*]. Type species: *Cerambyx nebulosus* Linnaeus, 1758 designated by Westwood (1838: 41).

Graphisurini Leng, 1920: 283. Type genus: *Graphisurus* Kirby, 1837 [stem = *Graphisur-*].  
Type species: *Cerambyx fasciatus* DeGeer, 1775 by original designation. Comment. For the type species designation of the type genus, see Bousquet (2008: 619-620).

#### Tribe Acanthoderini Thomson, 1860

Acanthoderitae Thomson, 1860: 2 (key), 5. Type genus: *Acanthoderes* Audinet-Serville, 1835 [stem = *Acanthoder-*]. Type species: *Cerambyx varius* Fabricius, 1787 designated by Thomson (1859: 152).

Dryoctenitae Thomson, 1860: 3 (key), 28 (key), 29. Type genus: *Dryoctenes* Audinet-Serville, 1835 [stem = *Dryocten-*]. Type species: *Dryoctenes caliginosus* Audinet-Serville, 1835 by monotypy.

Oreoderitae Thomson, 1860: 2 (key), 27 (key), 29. Type genus: *Oreodera* Audinet-Serville, 1835 [stem = *Oreoder-*]. Type species: *Cerambyx glaucus* Linnaeus, 1758 designated by Desmarest (1860: 321).

Hoplosiae LeConte and Horn, 1883: 325 (key), 326. Type genus: *Hoplosia* Fairmaire, 1864 (unjustified emendation of *Oplosia* Mulsant, 1863 not in prevailing usage) [stem = *Oplosi-*]. Type species: *Cerambyx fennicus* Paykull, 1800 by monotypy.

#### Tribe Acmocerini Thomson, 1864

Acmoceritae Thomson, 1864: 57. Type genus: *Acmocera* Dejean, 1835 [stem = *Acmocer-*].  
Type species: *Callidium compressum* Fabricius, 1787 by monotypy.

#### Tribe Acridocephalini Dillon and Dillon, 1959

Acridocephalidi Dillon and Dillon, 1959a: 49. Type genus: *Acridocephala* Chevrolat, 1855 [stem = *Acridocephal-*]. Type species: *Acridocephala bistriata* Chevrolat, 1855 by monotypy.

#### Tribe Acrocinini Swainson and Shuckard, 1840

Acrocininae Swainson and Shuckard, 1840: 287, 290. Type genus: *Acrocinus* Illiger, 1806 [stem = *Acrocin-*]. Type species: *Cerambyx longimanus* Linnaeus, 1758 by monotypy.

#### Tribe Aderpasini Breuning and Teocchi, 1978

Aderpasini Breuning and Teocchi, 1978: 142. Type genus: *Aderpas* Thomson, 1864 [stem = *Aderpas-*]. Type species: *Crossotus griseus* Thomson, 1858 by original designation.

#### Tribe Aerenicini Lacordaire, 1872

Aerénicides Lacordaire, 1872: 849 (key), 897. Type genus: *Aerenica* Dejean, 1835 [stem = *Aerenic-*]. Type species: *Saperda canescens* Klug, 1825 by monotypy. Availability (under Article 11.7.2): Aerenicini Lacordaire, 1872 (Aurivillius 1923: 596).

### Tribe Agapanthiini Mulsant, 1839

Agapanthaires Mulsant, 1839: 165 (key), 172 [incorrect original stem]. Type genus: *Agapanthia* Audinet-Serville, 1835 [stem = *Agapanthi-*]. Type species: *Cerambyx cardui* Linnaeus, 1767 designated by Westwood (1838: 41). Availability (under Article 11.7.2): Agapanthiini Mulsant, 1839 (Aurivillius 1923: 458).

Hippopsitae Thomson, 1860: 5 (key), 123 [incorrect original stem]. Type genus: *Hippopsis* Lepeletier and Audinet-Serville, 1825 [stem = *Hippopse-*]. Type species: *Hippopsis lineolata* Lepeletier and Audinet-Serville, 1825 designated by Thomson (1864: 97). Comment. Although Thomson (1864: 97) listed *Saperda lemniscata* Fabricius, not an originally included species, as type species of *Hippopsis*, the fact that he listed *Hippopsis lineolata* Lepeletier and Audinet-Serville, one of the two originally included species in *Hippopsis*, at the same time in synonymy with *Saperda lemniscata* Fabricius, he is deemed to have designed *Hippopsis lineolata* Lepeletier and Audinet-Serville, 1825 as type species (Article 69.2.2). *Saperda lemniscata* Fabricius, 1801 was doubtfully included in *Hippopsis* by Lepeletier and Audinet-Serville (1825: 336) and so the species is not an originally included species (Article 67.2.5).

Nemotragitae Thomson, 1864: 93. Type genus: *Nemotragus* Westwood, 1843 [stem = *Nemotrag-*]. Type species: *Nemotragus helvolus* Westwood, 1843 by monotypy.

Anauxesitae Thomson, 1864: 94 [incorrect original stem]. Type genus: *Anauxesis* Thomson, 1857 [stem = *Anauxese-*]. Type species: *Nemotragus calabaricus* Chevrolat, 1855 designated by Thomson (1864: 94).

Aprosopitae Thomson, 1864: 95. Type genus: *Aprosopus* Guérin-Méneville, 1844 [stem = *Aprosop-*]. Type species: *Aprosopus buquetii* Guérin-Méneville, 1844 by monotypy.

Aegoprepinae Pascoe, 1871: 268, 277. Type genus: *Aegoprepes* Pascoe, 1871 [stem = *Aegoprep-*]. Type species: *Aegoprepes antennator* Pascoe, 1871 by monotypy.

Pachypézides Lacordaire, 1872: 691. Type genus: *Pachypeza* Audinet-Serville, 1835 [stem = *Pachypez-*]. Type species: *Saperda pennicornis* Germar, 1824 by monotypy. Availability (under Article 11.7.2): Pachypézini placed by Lacordaire as a subtribe (Dillon and Dillon 1945: 12).

Spalacopsides Lacordaire, 1872: 414 (key), 701 [incorrect original stem]. Type genus: *Spalacopsis* Newman, 1842 [stem = *Spalacopse-*]. Type species: *Spalacopsis stellio* Newman, 1842 designated by Thomson (1864: 95). Availability (under Article 11.7.2): Spalacopsini Lacordaire, 1872 (Aurivillius 1923: 360).

Didymonychini Aurivillius, 1922b: 31. Type genus: *Didymonycha* Aurivillius, 1922 [stem = *Didymonych-*]. Type species: *Didymonycha singularis* Aurivillius, 1922 by monotypy.

Amillarinæ Aurivillius, 1926: 22 (based on *Amillarus* Thomson, 1857). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899).

Hippopsiconini Dillon and Dillon, 1945: 11. Type genus: *Hippopsicon* Thomson, 1858 [stem = *Hippopsicon-*]. Type species: *Hippopsicon lacteolum* Thomson, 1858 by monotypy.

### Tribe Amphoecini Breuning, 1951

Amphoecini Breuning, 1951: 5 Type genus: *Amphoecus* Montrouzier, 1861 [stem = *Amphoec-*]. Type species: *Amphoecus metallicus* Montrouzier, 1861 by monotypy.

### Tribe Ancitini Aurivillius, 1917

Ancitini Aurivillius, 1917: 28. Type genus: *Ancita* Thomson, 1864 [stem = *Ancit-*]. Type species: *Ancita crossotoides* Thomson, 1864 by original designation.

### Tribe Aencylonotini Lacordaire, 1869

Aencylonotides Lacordaire, 1869: 299 (key), 391. Type genus: *Aencylonotus* Dejean, 1835 [stem = *Aencylonot-*]. Type species: *Lamia tribulus* Fabricius, 1775 by monotypy. Availability (under Article 11.7.2): Aencylonotini Lacordaire, 1869 (Aurivillius 1922a: 152).

### Tribe Anisocerini Thomson, 1860

Anisoceritae Thomson, 1860: 3 (key), 28 (key), 31. Type genus: *Anisocerus* Lacordaire, 1830 [stem = *Anisocer-*]. Type species: *Anisocerus penicillatus* Lacordaire, 1830 by monotypy.

Onychoceritae Thomson, 1864: 19, 351 (key). Type genus: *Onychocerus* Lacordaire, 1830 [stem = *Onychocer-*]. Type species: *Cerambyx scorpio* Fabricius, 1781 by monotypy.

Platysternides Lacordaire, 1872: 415 (key), 729. Type genus: *Platysternus* Dejean, 1835 [stem = *Platystern-*]. Type species: *Cerambyx hebraeus* Fabricius, 1781 by monotypy. Availability (under Article 11.7.2): Platysternini Lacordaire, 1872 (Aurivillius 1923: 371). Comment. This family-group name is a junior homonym of Platysternidae Gray, 1869 (based on *Platysternon* Gray, 1831 [Reptilia]). The case is to be referred to the Commission for a ruling to remove the homonymy (Article 55.3.1).

### Tribe Apomecynini Thomson, 1860

Apomecynitae Thomson, 1860: 3 [as Apomecinitae] (key), 42 (key), 66, 68. Type genus: *Apomecyna* Dejean, 1821 [stem = *Apomecyn-*]. Type species: *Saperda alboguttata* Megerle, 1802 by monotypy.

Adétides Lacordaire, 1872: 413 (key), 595. Type genus: *Adetus* LeConte, 1852 [stem = *Adet-*]. Type species: *Polyopsia analis* Melsheimer, 1847 by monotypy. Availability (under Article 11.7.2): Adetini Lacordaire, 1872 (Aurivillius 1922a: 288).

Agennopsides Lacordaire, 1872: 595 (based on *Agennopsis* Thomson, 1857). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1872).

Ptéricoptides Lacordaire, 1872: 416 (key), 601. Type genus: *Ptericoptus* Lacordaire, 1830 [stem = *Ptericopt-*]. Type species: *Ptericoptus dorsalis* Audinet-Serville, 1835 by subsequent monotypy in Audinet-Serville (1835: 61). Availability (under Article 11.7.2): Ptericoptini Lacordaire, 1872 (Aurivillius 1922a: 294). Comment. Lacordaire (1830: 185) did not originally include any available species in his genus *Ptericoptus* although he described it. The first available species directly associated with it was *Ptericoptus dorsalis* Audinet-Serville (1835: 61).

Ectatosiides Lacordaire, 1872: 708. Type genus *Ectatosia* Pascoe, 1857 [stem = *Ectatos-*]. Type species: *Ectatosia moorei* Pascoe, 1857 by monotypy. Availability (under Article 11.7.2): Ectatosiini Lacordaire, 1872 (Aurivillius 1923: 363).

Ischiolonchides Lacordaire, 1872: 414 (key), 709. Type genus: *Ischioloncha* Thomson, 1860 [stem = *Ischiolonch-*]. Type species: *Ischioloncha wollastonii* Thomson, 1860 by monotypy. Availability (under Article 11.7.2): Ischiolonchini Lacordaire, 1872 (Aurivillius 1923: 364).

### Tribe Astathini Pascoe, 1864

Tétraophthalmites Blanchard, 1845: 160 (based on *Tetraophthalmus* Dejean, 1835). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).

Astatheinae Pascoe, 1864 [3 October]: 8 [incorrect original stem]. Type genus: *Astathes* Newman, 1842 [stem = *Astath-*]. Type species: *Astathes perplexa* Newman, 1842

designated by Thomson (1864: 118). Comment. This family-group name has also been proposed the same year by Thomson (1864 [“31 December”]: 117, as Asthatitae).

#### Tribe Batocerini Thomson, 1864

Batoceritae Thomson, 1864: 71, 74. Type genus: *Batocera* Dejean, 1835 [stem = *Batocer-*].  
Type species: *Cerambyx rubus* Linnaeus, 1758 designated by Blanchard (1845: 175).

#### Tribe Calliini Thomson, 1864

Callitae Thomson, 1864: 123 [incorrect original stem]. Type genus: *Callia* Audinet-Serville, 1835 [stem = *Calli-*]. Type species: *Callia azurea* Audinet-Serville, 1835 by monotypy.  
Gryllicides Lacordaire, 1872: 849 (key), 902. Type genus: *Gryllica* Thomson, 1860 [stem = *Gryllic-*]. Type species: *Onocephala picta* Pascoe, 1858 designated by Dillon and Dillon (1946: 156). Availability (under Article 11.7.2): Gryllicini Lacordaire, 1872 (Aurivillius 1923: 604).

#### Tribe Ceroplesini Thomson, 1860

Ceroplesitae Thomson, 1860: 4 (key), 93 (key), 95. Type genus: *Ceroplesia* Audinet-Serville, 1835 [stem = *Ceroples-*]. Type species: *Lamia aethiops* Fabricius, 1775 (see ICZN 1986: 243-244).

#### Subtribe Ceroplesina Thomson, 1860

Ceroplesitae Thomson, 1860: 4 (key), 93 (key), 95. Type genus: *Ceroplesia* Audinet-Serville, 1835 [stem = *Ceroples-*]. Type species: *Lamia aethiops* Fabricius, 1775 (see ICZN 1986: 243-244).

#### Subtribe Crossotina Thomson, 1864

Crossotitae Thomson, 1864: 64. Type genus: *Crossotus* Audinet-Serville, 1835 [stem = *Crossot-*]. Type species: *Crossotus plumicornis* Audinet-Serville, 1835 by monotypy.  
Comment. This name was usually listed at the tribe level but recently Sama (2008: 235) considered it a subtribe.

Écyroschémides Lacordaire, 1872: 416 (key), 503 [incorrect original stem]. Type genus: *Ecyroschema* Thomson, 1864 [stem = *Ecyroschemat-*]. Type species: *Ecyroschema favosa* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Ecyroschemini Lacordaire, 1872 (Aurivillius 1922a: 241).

Hécyridides Lacordaire, 1872: 416 (key), 517. Type genus: *Hecyrida* Thomson, 1860 (unnecessary replacement name for *Hecyra* Thomson, 1857) [stem = *Hecyrid-*]. Type species: *Hecyra improba* Thomson, 1857 by monotypy. Availability (under Article 11.7.2): Hecyrini Lacordaire, 1872 (Aurivillius 1922a: 243). Comment. We have accepted Aurivillius' Availability even though he did so using the unnecessary replacement name as type genus.

Corynofreinae Aurivillius, 1910: 37. Type genus: *Corynofrea* Aurivillius, 1910 [stem = *Corynofre-*]. Type species: *Corynofrea mirabilis* Aurivillius, 1910 by monotypy.

#### Tribe Cloniocerini Lacordaire, 1872

Cloniocérides Lacordaire, 1872: 413 (key), 590. Type genus: *Cloniocerus* Dejean, 1835 [stem = *Cloniocer-*]. Type species: *Lamia hystrix* Fabricius, 1781 by monotypy.  
Availability (under Article 11.7.2): Cloniocerini Lacordaire, 1872 (Aurivillius 1922a: 287).

### Tribe Colobotheini Thomson, 1860

Colobotheitae Thomson, 1860: 2 (key), 7 (key), 18. Type genus: *Colobothea* Lepeletier and Audinet-Serville, 1825 [stem = *Colobothe-*]. Type species: *Saperda cassandra* Dalman, 1823 designated by Duponchel (1843: 120). Comment. *Colobothea* is an incorrect subsequent spelling of *Colobotea* Lepeletier and Audinet-Serville, 1825 in prevailing usage and so deemed to be the correct original spelling (Article 33.3.1).

### Tribe Compsosomatini Thomson, 1857

Compsosomites Thomson, 1857d: 70 [incorrect original stem]. Type genus: *Compsosoma* Lacordaire, 1830 [stem = *Compsosomat-*]. Type species: *Compsosoma niveosignatum* Audinet-Serville, 1835 designated by Desmarest (1860: 325). Availability (under Article 11.7.2): Compsosomatini Thomson, 1857 (Aurivillius 1923: 336). Comment. Lacordaire (1830) did not originally include any species in *Compsosoma* although he described it. The first species included are those from Audinet-Serville (1835), e.g. *Lamia mutillaria* Klug, 1825, *Compsosoma niveosignatum* Audinet-Serville, 1835, and *Compsosoma variegatum* Audinet-Serville, 1835.

Aereneites Thomson, 1868: 92. Type genus: *Aerenea* Thomson, 1857 [stem = *Aerene-*]. Type species: *Aerenea posticalis* Thomson, 1857 by monotypy. Availability (under Article 11.7.2): Aereneini Thomson, 1868 (Aurivillius 1923: 338). Comment. *Aerenea* is an incorrect subsequent spelling of *Aerenaea* Thomson, 1857, introduced by Thomson (1860: 34), in prevailing usage and so deemed to be the correct original spelling (Article 33.3.1).

### Tribe Cyrtinini Thomson, 1864

Cyrtinitae Thomson, 1864: 41. Type genus: *Cyrtinus* LeConte, 1852 [stem = *Cyrtin-*]. Type species: *Clytus pygmaeus* Haldeman, 1847 by monotypy.

Acanthomerosternoploni Tippmann, 1955: 10. Type genus: *Acanthomerosternoplön* Tippmann, 1955 [stem = *Acanthomerosternoplön-*]. Type species: *Acanthomerosternoplön paradoxum* Tippmann, 1955 by original designation.

Scopadini Villiers, 1980b: 587. Type genus: *Scopadus* Pascoe, 1857 [stem = *Scopad-*]. Type species: *Scopadus ciliatus* Pascoe, 1857 by monotypy.

### Tribe Desmiphorini Thomson, 1860

Desmiphoritae Thomson, 1860: 3 (key), 74. Type genus: *Desmiphora* Audinet-Serville, 1835 [stem = *Desmiphor-*]. Type species: *Lamia fasciculata* Olivier, 1792 designated by Drapiez (1838: 456).

Anaesthetites Fairmaire, 1864: 166 (based on *Anaesthetis* Dejean, 1835). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).

Métonides Lacordaire, 1869: 299 (key), 387. Type genus: *Meton* Pascoe, 1859 [stem = *Meton-*]. Type species: *Meton granulicollis* Pascoe, 1859 designated by Thomson (1864: 59). Availability (under Article 11.7.2): Metonini Lacordaire, 1869 (Aurivillius 1922a: 150). Comment. Pascoe (1859) included two species under *Meton*, *M. graulicollis* (p. 42) and *M. digglesii* (p. 59).

Hebesecinae Pascoe, 1871: 268, 277 [incorrect original stem]. Type genus: *Hebesecis* Pascoe, 1865 (replacement name for *Hebecerus* Thomson, 1860) [stem = *Hebesecid-*]. Type species: *Hebecerus crocogaster* Thomson, 1860 by monotypy.

Amymomides Lacordaire, 1872: 415 (key), 468. Type genus: *Amymoma* Pascoe, 1866 (junior homonym of *Amymoma* Latreille, 1796 [Crustacea]) [stem = *Amymom-*]. Type species: *Amymoma pulchella* Pascoe, 1866 by monotypy. Availability (under Article 11.7.2):

- Amymomini Lacordaire, 1872 (Aurivillius 1922a: 218). Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).
- Crinotarsides Lacordaire, 1872: 415 (key), 475. Type genus: *Crinotarsus* Blanchard, 1853 [stem = *Crinotars-*]. Type species: *Crinotarsus plagiatus* Blanchard, 1853 by monotypy. Availability (under Article 11.7.2): Crinotarsini Lacordaire, 1872 (Aurivillius 1922a: 229).
- Épicastides Lacordaire, 1872: 415 (key), 490. Type genus: *Epicasta* Thomson, 1864 [stem = *Epicast-*]. Type species: *Epicasta ocellata* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Epicastini Lacordaire, 1872 (Aurivillius 1922a: 237).
- Apodasyides Lacordaire, 1872: 416 (key), 623. Type genus: *Apodasya* Pascoe, 1863 [stem = *Apodasy-*]. Type species: *Apodasya pilosa* Pascoe, 1863 by original designation. Availability (under Article 11.7.2): Apodasyini Lacordaire, 1872 (Aurivillius 1922a: 305).
- Nédinides Lacordaire, 1872: 416 (key), 635. Type genus: *Nedine* Thomson, 1864 [stem = *Nedin-*]. Type species: *Nedine longipes* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Nedinini Lacordaire, 1872 (Aurivillius 1922a: 317).
- Estolides Lacordaire, 1872: 416 (key), 636. Type genus: *Estola* Fairmaire and Germain, 1859 [stem = *Estol-*]. Type species: *Estola hirsuta* Fairmaire and Germain, 1859 designated by Thomson (1861: 348). Availability (under Article 11.7.2): Estolini Lacordaire, 1872 (Aurivillius 1922a: 317).
- Psenocerini LeConte, 1873: 330 (key), 333. Type genus: *Psenocerus* LeConte, 1852 [stem = *Psenocer-*]. Type species: *Callidium pini* Olivier *sensu* LeConte, 1852 (= *Clytus supernotatus* Say, 1824) by monotypy.
- Eupogonii LeConte, 1873: 340 (key), 342. Type genus: *Eupogonius* LeConte, 1852 [stem = *Eupogoni-*]. Type species: *Desmiphora tomentosa* Haldeman, 1847 designated by Thomson (1861: 346).
- Velorini Aurivillius, 1917: 32. Type genus: *Velora* Thomson, 1864 [stem = *Velor-*]. Type species: *Velora australis* Thomson, 1864 by original designation.
- Essisini Aurivillius, 1917: 44. Type genus: *Esisus* Pascoe, 1866 [stem = *Eisis-*]. Type species: *Esisus dispar* Pascoe, 1866 by monotypy.

### Tribe Dorcadionini Swainson and Shuckard, 1840

- Dorcadioninae Swainson and Shuckard, 1840: 290, 291 (incorrect original stem). Type genus: *Dorcadion* Dalman, 1817 [stem = *Dorcadio-* (see Vives and Alonso-Zarazaga 2000: 659)]. Type species: *Cerambyx glycyrrhizae* Pallas, 1773 designated by Thomson (1864: 43). Comment. 1) The first valid type species designation for *Dorcadion* is that of Blanchard (1841: pl. 68) who designated *Cerambyx fuliginator* Linnaeus, 1758. However, acceptance of this species as type species will imply nomenclatural changes and not promote stability. The case should be referred to the Commission for a ruling (see Bousquet 2008: 619). 2) This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5). 3) This family-group name has been placed in synonymy with the tribe Lamiini by Sama (2008: 233).
- Dorcadodiidae Gistel, 1856: 376. Type genus: *Dorcadodium* Gistel, 1856 [stem = *Dorcadodi-*]. Type species: *Lamia morio* Fabricius, 1787 designated by Vives and Alonso Zarazaga (2000: 659).

### Tribe Dorcaschematini Thomson, 1860

- Dorcaschemitae Thomson, 1860: 4 (key), 104 [as Dorchaschemitae] (key), 107 [incorrect original stem]. Type genus: *Dorcaschema* Haldeman, 1847 [stem = *Dorcaschemat-*].

Type species: *Saperda alternata* Say, 1824 designated by Thomson (1864: 92).  
Protonarthronitae Thomson, 1864: 57 [incorrect original stem]. Type genus: *Protonarthron* Thomson, 1858 [stem = *Protonarthr-*]. Type species: *Protonarthron diabolicum* Thomson, 1858 by monotypy.

#### Tribe Elytracanthinini Bousquet, nom. nov.

Elytracanthinae Lane, 1955: 281. Type genus: *Elytracantha* Lane, 1955 (junior homonym of *Elytracantha* Kleine, 1915 [Coleoptera]) [stem = *Elytracanth-*]. Type species: *Elytracantha pugionata* Lane, 1955 by monotypy. Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).  
Elytracanthinini Bousquet, **nomen novum**. Type genus: *Elytracanthina* Monné, 2005 (replacement name for *Elytracantha* Lane, 1955). Type species: *Elytracantha pugionata* Lane, 1955 by monotypy.

#### Tribe Enicodini Thomson, 1864

Enicoditae Thomson, 1864: 36. Type genus: *Enicodes* Gray, 1832 [stem = *Enicod-*]. Type species: *Cerambyx fichtelii* Schreibers, 1802 by monotypy.  
Nemaschemitae Thomson, 1864: 36 [incorrect original stem]. Type genus: *Nemaschema* Thomson, 1860 [stem = *Nemaschemat-*]. Type species: *Navomorpha sanguinicollis* Chevrolat, 1857 by monotypy.  
Leptonotitae Thomson, 1864: 36. Type genus: *Leptonota* Thomson, 1861 [stem = *Leptonot-*]. Type species: *Enicodes comitessa* White, 1855 by monotypy.  
Énotides Lacordaire, 1872: 487 (based on *Enotes* Thomson, 1864). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1872).

#### Tribe Eupromerini Galileo and Martins, 1995

Eupromerini Galileo and Martins, 1995: 132. Type genus: *Eupromera* Westwood, 1845 [stem = *Eupromer-*]. Type species: *Eupromera spryana* Westwood, 1845 by monotypy.

#### Tribe Forsteriini Tippmann, 1960

Hebestolitae Thomson, 1864: 107. Type genus: *Hebestola* Blanchard, 1851 (junior homonym of *Hebestola* Haldeman, 1847) [stem = *Hebestol-*]. Type species: *Hebestola parvula* Blanchard, 1851 designated by Thomson (1864: 108). Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

Forsteriini Tippmann, 1960: 210. Type genus: *Forsteria* Tippmann, 1960 (= *Falsamblesthis* Breuning, 1959) [stem = *Forsteri-*]. Type species: *Forsteria unguicularis* Tippmann, 1960 by monotypy.

Falsamblesthiini Gilmour, 1961: 131 [incorrect stem formation]. Type genus: *Falsamblesthis* Breuning, 1959 [stem = *Falsamblesth-*]. Type species: *Amblesthis seriepilosa* Kirsch, 1889 by original designation. Comment. This family-group name was proposed because of the synonymy of the type genus of Forsteriini Tippmann, 1960. However, because the name was proposed after 1960, it cannot be maintained as valid (Article 40.2).

Neohebestolini Monné and Giesbert, 1995: 303 (based on *Neohebestola* Marinoni, 1977). **Nomen nudum**. Comment. 1) This name is unavailable under Articles 11.6 and 13 (first published as a junior synonym; no description or bibliographic reference). 2) Monné and Giesbert (1995: 303) credited Marinoni (1977: 46) with this family-group name. However, we were unable to find such name in any of Marinoni's publications.

### **Tribe Gnomini Thomson, 1860**

Gnomitae Thomson, 1860: 4 (key), 104, 105. Type genus: *Gnoma* Fabricius, 1801 [stem = *Gnom-*]. Type species: *Gnoma longicollis* Fabricius, 1801 designated by Thomson (1864: 82).

### **Tribe Gyaritini Breuning, 1950**

Gyaritini Breuning, 1950a: 27. Type genus: *Gyaritus* Pascoe, 1858 [stem = *Gyarit-*]. Type species: *Gyaritus hamatus* Pascoe, 1858 by monotypy.

### **Tribe Heliolini Breuning, 1951**

Heliolini Breuning, 1951: 8. Type genus: *Heliolus* Fauvel, 1907 (replacement name for *Helius* Fauvel, 1906) [stem = *Heliol-*]. Type species: *Helius brevicornis* Fauvel, 1906 by monotypy.

### **Tribe Hemilophini Thomson, 1868**

Amphyonychitae Thomson, 1860: 41 (key), 63 [*nomen oblitum*]. Type genus: *Amphyonycha* Dejean, 1835 [stem = *Amphyonych-*]. Type species: *Saperda hemispila* Germar, 1821 designated by Marinoni (1977: 40). Comment: This family-group name has not been used as valid name for a particular taxon after 1899 and Hemilophini has been used as the valid name for this group in the following 27 publications, published by more than ten authors in the immediately preceding 50 years and encompassing a span of more than ten years: Lane (1966, 1976), Martins and Galileo (1993, 1996, 1997, 2004a, 2004b, 2004c), Linsley and Chemsak (1995), Monné (1995b, 2005b), Galileo and Martins (1996, 1997a, 1997b, 1999, 2001a, 2004a, 2004b, 2005a, 2005b, 2005c), Martins (1998b), Hua (2002), Turnbow and Thomas (2002), Peck (2005), Nearns *et al.* (2006), Monné and Bezark (2009). Consequently in accordance with Article 23.9, Amphyonychini Thomson, 1869 is a *nomen oblitum* and Hemilophini Thomson, 1868 a *nomen protectum*.

Hemilophitae Thomson, 1868: 189 [*nomen protectum*]. Type genus: *Hemilophus* Audinet-Serville, 1835 [stem = *Hemiloph-*]. Type species: *Hemilophus dimidiaticornis* Audinet-Serville, 1835 by monotypy.

Itesini Lepesme, 1943: 137 [incorrect original stem]. Type genus: *Ites* Waterhouse, 1880 [stem = *It-*]. Type species: *Ites plagiatus* Waterhouse, 1880 by monotypy.

### **Tribe Homonoeini Thomson, 1864**

Homonaeitae Thomson, 1864: 35. Type genus: *Homonoea* Newman, 1842 [stem = *Homonoe-*]. Type species: *Homonoea patrona* Newman, 1842 designated by Thomson (1864: 35). Comment: Thomson (1864: 35) used *Homonaea*, an incorrect subsequent spelling of *Homonoea* Newman, 1842 not in prevailing usage.

Bumétopides Lacordaire, 1872: 413 (key), 477 [incorrect original stem]. Type genus: *Bumetopia* Pascoe, 1858 [stem = *Bumetopi-*]. Type species: *Bumetopia oscitans* Pascoe, 1858 by monotypy. Availability (under Article 11.7.2): Bumetopini Lacordaire, 1872 (Aurivillius 1922a: 231).

### **Tribe Hyborhabdini Aurivillius, 1911**

Hyborhabdinae Aurivillius, 1911: 22. Type genus: *Hyborhabdus* Aurivillius, 1911 [stem = *Hyborhabd-*]. Type species: *Hyborhabdus singularis* Aurivillius, 1911 by monotypy.

### **Tribe Lamiini Latreille, 1825**

Lamiaiae Latreille, 1825: 401. Type genus: *Lamia* Fabricius, 1775 [stem = *Lami-*]. Type species: *Cerambyx textor* Linnaeus, 1758 designated by Latreille (1810: 431).

Pachystolaeidae Gistel, 1848: [2] [incorrect original stem]. Type genus: *Pachystola* Dejean 1835 [stem = *Pachystol-*]. Type species: *Cerambyx textor* Linnaeus, 1758 by monotypy.

Phrissomitae Thomson, 1860: 2 (key), 22 (key), 25 [as Phryssomitae] [incorrect original stem]. Type genus: *Phrissoma* Dejean, 1835 [stem = *Phrissomat-*]. Type species: *Lamia crispa* Fabricius, 1793 by monotypy. Comment. 1) Thomson (1860) used the correct original spelling *Phrissoma* for the name of the type genus and so his spelling of the family-group name was an error. 2) This family-group name has been placed in synonymy with the tribe Lamiini by Sama (2008: 233).

Morimitae Thomson, 1864: 77. Type genus: *Morimus* Brullé, 1832 [stem = *Morim-*]. Type species: *Lamia lugubris* Fabricius, 1793 designated by Thomson (1864: 77). Comment. 1) The type genus was proposed under the spelling *Morinus* (p. 258, issued in 1832) by Brullé but changed to *Morimus* in the second unpaginated page of the “Errata” inserted at the end of the work (issued in 1833). Therefore the spelling *Morimus* is the correct original spelling (Article 32.5.1). 2) The name *Morimus* has been attributed to Audinet-Serville (1835) by almost all authors (see Miroshnikov 2008).

Potemnemini Aurivillius, 1922a: 117. Type genus: *Potemnemus* Thomson, 1864 [stem = *Potemnem-*]. Type species: *Cerambyx scabrosus* Olivier, 1790 by original designation.

#### Tribe Laticraniini Lane, 1959

Laticraniinae Lane, 1959: 312. Type genus: *Laticranium* Lane, 1959 [stem = *Laticrani-*]. Type species: *Laticranium mandibulare* Lane, 1959 by original designation.

#### Tribe Mauesiini Lane, 1956

Mauesinae Lane, 1956: 19 [incorrect original stem]. Type genus: *Mauesia* Lane, 1956 [stem = *Mauesi-*]. Type species: *Mauesia cornuta* Lane, 1956 by monotypy.

#### Tribe Megabasini Thomson, 1860

Megabasitae Thomson, 1860: 3 (key), 28 (key), 30 [incorrect original stem]. Type genus: *Megabasis* Audinet-Serville, 1835 [stem = *Megabase-*]. Type species: *Megabasis speculifer* Audinet-Serville, 1835 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

#### Tribe Mesosini Mulsant, 1839

Mésosaires Mulsant, 1839: 165. Type genus: *Mesosa* Latreille, 1829 [stem = *Mesos-*]. Type species: *Cerambyx curculionoides* Linnaeus, 1761 designated by Thomson (1864: 61). Availability (under Article 11.7.2): Mesosini Mulsant, 1839 (López-Pérez 2005: 59).

#### Tribe Microcymaturini Breuning and Teocchi, 1982

Microcymaturini Breuning and Teocchi, 1982: 155. Type genus: *Microcymatura* Breuning, 1950 [stem = *Microcymatur-*]. Type species: *Microcymatura antennalis* Breuning, 1950 by original designation.

#### Tribe Moneilemini Thomson, 1864

Moneilemitae Thomson, 1864: 43 [incorrect original stem]. Type genus: *Moneilema* Say, 1824 [stem = *Moneilemat-*]. Type species: *Moneilema annulata* Say, 1824 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Monochamini Gistel, 1848**

Monohammidae Gistel, 1848: [2]. Type genus: *Monohammus* Dejean, 1835 (unjustified emendation of *Monochamus* Dejean, 1821 not in prevailing usage) [stem = *Monocham-*]. Type species: *Cerambyx sutor* Linnaeus, 1758 designated by Curtis (1828: pl. 219). Taeniotitae Thomson, 1864: 76. Type genus: *Taeniotes* Audinet-Serville, 1835 [stem = *Taeniot-*]. Type species: *Lamia subocellata* Olivier, 1792 designated by Thomson (1864: 77). Agnitae Thomson, 1864: 83 [incorrect original stem]. Type genus: *Agnia* Newman, 1842 [stem = *Agni-*]. Type species: *Agnia casta* Newman, 1842 designated by Thomson (1864: 86). Geranitae Thomson, 1864: 93 [incorrect original stem]. Type genus: *Gerania* Audinet-Serville, 1835 [stem = *Gerani-*]. Type species: *Saperda boscii* Fabricius, 1801 by monotypy. Ptychodes LeConte, 1873: 334 (key), 335. Type genus: *Ptychodes* Audinet-Serville, 1835 [stem = *Ptychod-*]. Type species: *Ptychodes politus* Audinet-Serville, 1835 by monotypy. Goes LeConte, 1873: 334 (key), 335. Type genus: *Goes* LeConte, 1852 [stem = *Go-*]. Type species: *Cerambyx tigrinus* DeGeer, 1775 designated by Thomson (1864: 76). Docohammidi Dillon and Dillon, 1959b: 7. Type genus: *Docohammus* Aurivillius, 1908 [stem = *Docohamm-*]. Type species: *Docohammus bennigseni* Aurivillius, 1908 by monotypy.

### **Tribe Morimonellini Lobanov *et al.*, 1981**

Morimonellini Lobanov, Danilevsky, and Murzin, 1981: 790. Type genus: *Morimonella* Podany, 1979 [stem = *Morimonell-*]. Type species: *Morimonella bednariki* Podany, 1979 by original designation.

### **Tribe Morimopsini Lacordaire, 1869**

Morimopsides Lacordaire, 1869: 289 [incorrect original stem]. Type genus: *Morimopsis* Thomson, 1857 [stem = *Morimopse-*]. Type species: *Morimopsis lacrymans* Thomson, 1857 by monotypy. Availability (under Article 11.7.2): Morimopsini Lacordaire, 1869 (Aurivillius 1922a: 64). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Nyctimeniini Gressitt, 1951**

Nyctimenitae Thomson, 1864: 94. Type genus: *Nyctimene* Thomson, 1857 (junior homonym of *Nyctimene* Borkhausen, 1797 [Pteropodidae]) [stem = *Nyctimen-*]. Type species: *Nyctimene agriloides* Thomson, 1857 by monotypy. Comment. This family-group name is permanently invalid because it is based on a preoccupied type genus (Article 39). Nyctimeniini Gressitt, 1951: 629 (replacement name for Nyctimenini Thomson, 1864). Type genus: *Nyctimenius* Gressitt, 1951 [stem = *Nyctimeni-*]. Type species: *Nyctimene agriloides* Thomson, 1857 by monotypy.

### **Tribe Obereini Pascoe, 1864**

Obereinae Pascoe, 1864 [3 October]: 8. Type genus: *Oberea* Dejean, 1835 [stem = *Obere-*]. Type species: *Cerambyx oculatus* Linnaeus, 1758 designated by Thomson (1864: 121). Comment. This family-group name has also been proposed the same year by Thomson (1864 ["31 December"]: 117, as Obereitae).

### **Tribe Oculariini Breuning, 1950**

Oculariini Breuning, 1950b: 263. Type genus: *Ocularia* Jordan, 1894 [stem = *Oculari-*].  
Type species: *Ocularia apicalis* Jordan, 1894 by original designation.

### **Tribe Onciderini Thomson, 1860**

Oncideritae Thomson, 1860: 3 (key), 38. Type genus: *Oncideres* Lacordaire, 1830 [stem = *Oncider-*]. Type species: *Lamia vomicosa* Germar, 1824 designated by Thomson (1864: 104). Comment. *Oncideres* is an incorrect subsequent spelling of *Oncyderes* Lacordaire, 1830, introduced by Audinet-Serville (1835: 67), in prevailing usage and attributed to Lacordaire (1830) (e.g. Monné 2005b: 280), and so deemed to be the correct original spelling (Article 33.3.1).

Hypsiomitae Thomson, 1860: 4 (key), 109 [incorrect original stem]. Type genus: *Hypsioma* Audinet-Serville, 1835 [stem = *Hypsiomat-*]. Type species: *Hypsioma gibberum* Audinet-Serville, 1835 by monotypy.

Hypselominae Pascoe, 1864: 7. Type genus: *Hypselomus* Perty, 1832 [stem = *Hypselom-*]. Type species: *Hypselomus cristatus* Perty, 1832 by monotypy.

### **Tribe Oncideropsidini Aurivillius, 1922**

Oncideropsidini Aurivillius, 1922c: 165 [incorrect original stem]. Type genus: *Oncideropsis* Aurivillius, 1922 [stem = *Oncideropse-*]. Type species: *Oncideropsis nebulosa* Aurivillius, 1922 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Onocephalini Thomson, 1860**

Onocephalitae Thomson, 1860: 5 (key), 120. Type genus: *Onocephala* Thomson, 1857 [stem = *Onocephal-*]. Type species: *Onocephala rugicollis* Thomson, 1857 by monotypy.

### **Tribe Onychogleneini Aurivillius, 1923**

Onychoglèneini Aurivillius, 1923: 513. Type genus: *Onychoglènea* Aurivillius, 1922 [stem = *Onychoglène-*]. Type species: *Onychoglènea brunnea* Aurivillius, 1922 by monotypy.

### **Tribe Parmenini Mulsant, 1839**

Parménaires Mulsant, 1839: 118. Type genus: *Parmena* Dejean, 1821 [stem = *Parmen-*]. Type species: *Lamia unifasciata* Rossi, 1790 designated by Silfverberg (1984: 63). Availability (under Article 11.7.2): Parmenini Mulsant, 1839 (Villiers 1978: 449).

Hexathricitae Thomson, 1864: 38 (as Hexarthriticiae), 339. Type genus: *Hexatricha* White, 1846 [stem = *Hexatrich-*]. Type species: *Lamia pulverulenta* Westwood, 1843 by monotypy. Comment. Thomson (1864: 38) used *Hexathrica*, an incorrect subsequent spelling of *Hexatricha* White, 1846 not in prevailing usage.

Dorcadidides Lacordaire, 1869: 257 (based on *Dorcadida* White, 1846). **Nomen nudum**. Comment. This name is unavailable Article 11.7.2 (not subsequently latinized, attributed to Lacordaire 1869, and considered valid). Comment. Heyne and Taschenberg (1907: 241) latinized and credited the name to Lacordaire but they did not consider it as a valid name.

### **Tribe Petrognathini Blanchard, 1845**

Pétrognathites Blanchard, 1845: 160, 176. Type genus: *Petrognatha* Leach, 1819 [stem = *Petrognath-*]. Type species: *Lamia gigas* Fabricius, 1793 by monotypy. Availability (under Article 11.7.2): Petrognathini Blanchard, 1845 (Aurivillius 1922a: 205).

Omacanthides Lacordaire, 1872: 447 (based on *Omacantha* Audinet-Serville, 1835). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1872).

#### Tribe Phacellini Lacordaire, 1872

Phacellides Lacordaire, 1872: 416 (key), 664. Type genus: *Phacellus* Dejean, 1835 [stem = *Phacell-*]. Type species: *Acanthocinus boryi* Gory, 1832 by monotypy. Availability (under Article 11.7.2): Phacellini Lacordaire, 1872 (Aurivillius 1923: 339).

#### Tribe Phantasini Kolbe, 1897

Phantasides Lacordaire, 1869: 253, 285 (based on *Phantasis* Thomson, 1860). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1869).

Phantasinae Kolbe, 1897: 306 [incorrect original stem]. Type genus: *Phantasis* Thomson, 1860 [stem = *Phantase-*]. Type species: *Phantasis terribilis* Thomson, 1860 designated by Thomson (1864: 42). Comment. (1) This family-group taxon was proposed without reference to Lacordaire (1869). (2) This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Phantasini Hunt and Breuning, 1957: 51 [incorrect original stem]. Type genus: *Phantasis* Thomson, 1860 [stem = *Phantase-*]. Type species: *Phantasis terribilis* Thomson, 1860 designated by Thomson (1864: 42). Comment. This family-group taxon was proposed as a new taxon without reference to Lacordaire (1869) or to Kolbe (1897).

#### Tribe Phrynetini Thomson, 1864

Phrynetitae Thomson, 1864: 71. Type genus: *Phrynetia* Dejean, 1835 [stem = *Phrynet-*]. Type species: *Lamia marmorea* Olivier, 1792 designated by Thomson (1864: 71).

#### Tribe Phymasternini Teocchi, 1989

Phymasternini Teocchi, 1989: 4. Type genus: *Phymasterna* Laporte, 1840 [stem = *Phymastern-*]. Type species: *Phymasterna lacteoguttata* Laporte, 1840 by monotypy. Comment. The genus *Phymasterna* was first validated by Dejean (1835: 342) who included under the name two available species: *Lamia pictor* Klug, 1829 and *Lamia sparsa* Klug, 1832. The first species is currently included in the genus *Solymus* Lacordaire, 1872 and the second in the genus *Frea* Thomson, 1858. In order to preserve stability, we believe the best solution would be to apply to the commission to reject for the Principles of Homonymy and Priority the name *Phymasterna* Dejean, 1835 or, if Dejean is retained as the author of the genus, to designate *Phymasterna lacteoguttata* Laporte, 1840 as the type species of the genus. If Dejean's name is rejected then *Phymasterna* Laporte, 1840 become the valid name for the genus.

#### Tribe Phytoeciini Mulsant, 1839

Phytoeciaires Mulsant, 1839: 165 (key), 191. Type genus: *Phytoecia* Mulsant, 1839 [stem = *Phytoeci-*]. Type species: *Cerambyx cylindricus* Linnaeus, 1758 designated by Thomson (1859: 153). Availability (under Article 11.7.2): Phytoeciini Mulsant, 1839 (Villiers 1978: 521).

#### Tribe Pogonocherini Mulsant, 1839

Pogonochéraires Mulsant, 1839: 118 (key), 151. Type genus: *Pogonocherus* Dejean, 1821 [stem = *Pogonocher-*]. Type species: *Cerambyx hispidus* Linnaeus, 1758 designated by

Guérin-Méneville (1826: 186). Availability (under Article 11.7.2): Pogonocherini Mulsant, 1839 (Villiers 1978: 465).

Exocentrinae Pascoe, 1864: 7. Type genus: *Exocentrus* Dejean, 1835 [stem = *Exocentr-*]. Type species: *Lamia balteata* (Fabricius) *sensu* Schönherr, 1817 (= *Cerambyx lusitanus* Linnaeus, 1757) by monotypy. Comment. This synonymy was proposed by Sama (2008: 236).

Exocentrites Faimaire, 1864: 157, 193 (based on *Exocentrus* Dejean, 1835). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).

Zaplo LeConte and Horn, 1883: 325 (key), 327. Type genus: *Zaplous* LeConte, 1878 [stem = *Zaplo-*]. Type species: *Zaplous hubbardi* LeConte, 1878 by monotypy.

### Tribe Polyrhaphidini Thomson, 1860

Polyrhaphitae Thomson, 1860: 3 [as Polyrhaphytæ] (key), 28 (key), 30 [incorrect original stem]. Type genus: *Polyrhaphis* Audinet-Serville, 1835 [stem = *Polyrhaphid-*]. Type species: *Cerambyx horridus* Voet, 1778 (= *Cerambyx spinosus* Drury, 1773) designated by Desmarest (1860: 321).

### Tribe Pretiliini Martins and Galileo, 1990

Pretiliini Martins and Galileo, 1990: 705. Type genus: *Pretilia* Bates, 1866 [stem = *Pretili-*]. Type species: *Pretilia telephoroides* Bates, 1866 by monotypy.

### Tribe Proctocerini Aurivillius, 1922

Cliniides Lacordaire, 1872: 424 (based on *Clinia* Thomson, 1857). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized, attributed to Lacordaire 1872, and considered valid). Comment. Breuning (1950d: 411) latinized and credited the name to Lacordaire but he did not consider it as a valid name.

Proctocerini Aurivillius, 1922a: 182. Type genus: *Proctocera* Chevrolat, 1855 [stem = *Proctocer-*]. Type species: *Proctocera scalaris* Chevrolat, 1855 by monotypy.

### Tribe Prosopocerini Thomson, 1864

Prosopoceritae Thomson, 1864: 72. Type genus: *Prosopocera* Blanchard, 1845 [stem = *Prosopocer-*]. Type species: *Lamia fronticornis* Fabricius, 1781 by monotypy.

### Tribe Pteropliini Thomson, 1860

Pteropliitae Thomson, 1860: 3 (key), 43 (key), 73. Type genus: *Pteroplus* Lacordaire, 1830 [stem = *Pteropli-*]. Type species: *Pteroplus acuminatus* Audinet-Serville, 1835 designated by Thomson (1864: 107). Comment. 1) *Pteroplus* is an incorrect subsequent spelling of *Pterhoplius* Lacordaire, 1830, introduced by Audinet-Serville (1835: 65), in prevailing usage and attributed to Lacordaire (1830) (e.g., Monné 2005b: 295), and so deemed to be the correct original spelling (Article 33.3.1). 2) Thomson (1860: 73) used *Pteroplia*, an incorrect subsequent spelling of *Pteroplus* Lacordaire, 1830 not in prevailing usage.

Niphoninae Pascoe, 1864: 7, 56. Type genus: *Niphona* Mulsant, 1839 [stem = *Niphon-*]. Type species: *Niphona picticornis* Mulsant, 1839 by monotypy.

Abrynitae Thomson, 1864: 44. Type genus: *Abryna* Newman, 1842 [stem = *Abryn-*]. Type species: *Abryna coenosa* Newman, 1842 designated by Thomson (1864: 44).

Protorhopalitae Thomson, 1864: 69. Type genus: *Protorhopala* Thomson, 1860 [stem = *Protorhopal-*]. Type species: *Lamia sexnotata* Klug, 1833 by monotypy.

- Ataxiides Lacordaire, 1872: 414 (key), 597. Type genus: *Ataxia* Haldeman, 1847 [stem = *Ataxi-*]. Type species: *Ataxia sordida* Haldeman, 1847 by monotypy. Availability (under Article 11.7.2): Ataxiini Lacordaire, 1872 (Aurivillius 1922a: 291).
- Emphytoeciides Lacordaire, 1872: 416 (key), 713. Type genus: *Emphytoecia* Fairmaire and Germain, 1860 [stem = *Emphytoeci-*]. Type species: *Agapanthia suturella* Blanchard, 1851 designated by Thomson (1864: 115). Availability (under Article 11.7.2): Emphytoeciini Lacordaire, 1872 (Aurivillius 1923: 365).
- Baroeides Lacordaire, 1872: 414 [as Baréides] (key), 439. Type genus: *Baraeus* Thomson, 1858 [stem = *Barae-*]. Type species: *Baraeus aurisecator* Thomson, 1858 by monotypy. Availability (under Article 11.7.2): Baraeini Lacordaire, 1872 (Aurivillius 1922a: 206). Comment: Lacordaire (1872: 439) used *Baroeus*, an incorrect subsequent spelling of *Baraeus* Thomson, 1858 not in prevailing usage.
- Atossides Lacordaire, 1872: 414 (key), 496. Type genus: *Atossa* Thomson, 1864 [stem = *Atoss-*]. Type species: *Atossa strenua* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Atossini Lacordaire, 1869 [lapsus for 1872] (Aurivillius 1922a: 149).
- Metagnomini Aurivillius, 1925: 13. Type genus: *Metagnoma* Aurivillius, 1925 [stem = *Metagnom-*]. Type species: *Metagnoma singularis* Aurivillius, 1925 by monotypy.

### Tribe Rhodopinini Gressitt, 1951

- Rhodopides Lacordaire, 1872: 416 (key), 450 [incorrect stem formation]. Type genus: *Rhodopis* Thomson, 1857 (junior homonym of *Rhodopis* Reichenbach, 1854 [Aves]) [stem = *Rhodopid-*]. Type species: *Rhodopis pubera* Thomson, 1857 by monotypy. Availability (under Article 11.7.2): Rhodopini Lacordaire, 1872 (Aurivillius 1922a: 210). Comment. This family-group name is permanently invalid because it is based on a preoccupied type genus (Article 39).
- Rhodopinini Gressitt, 1951: 439 [replacement name for *Rhodopini* Lacordaire, 1872]. Type genus: *Rhodopina* Gressitt, 1951 [stem = *Rhodopin-*]. Type species: *Rhodopis pubera* Thomson, 1857 by monotypy.

### Tribe Saperdini Mulsant, 1839

- Saperdaires Mulsant, 1839: 165 (key), 181. Type genus: *Saperda* Fabricius, 1775 [stem = *Saperd-*]. Type species: *Cerambyx carcharias* Linnaeus, 1758 designated by Guérin-Méneville (1829: 151). Availability (under Article 11.7.2): Saperdini Mulsant, 1839 (Aurivillius 1923: 468). Comment. For the type species designation of the type genus, see Bousquet (2008: 622).
- Gleneitae Thomson, 1864: 123. Type genus: *Glenea* Newman, 1842 [stem = *Glene-*]. Type species: *Saperda novemguttata* Guérin-Méneville, 1831 designated by Breuning (1956: 2). Comment. *Glenea* Newman, 1842 is a replacement name for *Sphenura* Dejean, 1835, a junior homonym of *Sphenura* Lichtenstein, 1820 [Aves]. The available species originally included in *Sphenura* Dejean (1835: 350) are: *Saperda morbillosa* Fabricius, 1798 (a species currently placed in the genus *Stibara* Hope, 1840), *Saperda fricator* Dalman, 1817 (a species currently placed in the genus *Nupserha* Thomson, 1860, also a replacement name for *Sphenura* Dejean, 1835), and *Saperda bidentata* Fabricius, 1792 (a species currently placed in *Nupserha* Thomson, 1860). To promote stability, a request should be addressed to the Commission to retain *Saperda novemguttata* Guérin-Méneville, 1831 as type species of *Glenea* Newman.

### Tribe Stenobiini Breuning, 1950

Stenobiini Breuning, 1950c: 305. Type genus: *Stenobia* Lacordaire, 1872 [stem = *Stenobi-*].  
Type species: *Stenobia pradieri* Lacordaire, 1872 by monotypy.

### Tribe Sternotomini Thomson, 1860

*Stellognathites* Blanchard, 1845: 158 (based on *Stellognatha* Dejean, 1835). **Nomen nudum.**  
Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).  
*Sternotomitae* Thomson, 1860: 4 (key), 79 (key), 87 [incorrect original stem]. Type genus: *Sternotomis* Percheron, 1836 [stem = *Sternotomid-*]. Type species: *Sternotomis aper* Percheron, 1836 designated by Thomson (1868: 176). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### Tribe Tapeinini Thomson, 1857

*Tapeinites* Thomson, 1857c: 41. Type genus: *Tapeina* Lepeletier and Audinet-Serville, 1828 [stem = *Tapein-*]. Type species: *Tapeina dispar* Lepeletier and Audinet-Serville, 1828 designated by Desmarest (1860: 325). Availability (under Article 11.7.2): *Tapeinini* Thomson, 1857 (Aurivillius 1922a: 236).

### Tribe Tetraopini Thomson, 1860

*Tetraopesitae* Thomson, 1860: 3 (key), 42 (key), 66 [incorrect original stem]. Type genus: *Tetraopes* Dalman, 1817 [stem = *Tetraop-*]. Type species: *Lamia tornator* Fabricius, 1775 designated by Desmarest (1860: 325).

*Polyopsiates* Mulsant, 1863: 340 (based on *Polyopsia* Mulsant, 1839). **Nomen nudum.**  
Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

*Tétropides* Planet, 1924: 326 (based on *Tetrops* Kirby, 1826). **Nomen nudum.** Comment.  
This name is unavailable under Article 11.7.2 (vernacular name proposed after 1899). The argument of Sama (2008: 240) that Planet's name is available, even if published after 1900 in a vernacular form, because it was used as valid in a latinized form and credited to Planet (1924) by Vives (2000: 508) is incorrect. The Code clearly indicated under Article 11.7.2 that only vernacular names published before 1900 could be available if they were latinized by later authors, been generally accepted as valid, and credited to the author. There is also no doubt that Planet used a vernacular form for this family-group name as indicated by the accent on the first "e" of the name. This is confirmed in the Index section on page 367 of Planet's work.

*Tetropini* Portevin, 1927: 50. Type genus: *Tetrops* Stephens, 1829 [stem = *Tetrop-*]. Type species: *Leptura praeusta* Linnaeus, 1758 by monotypy. Comment. Kirby (in Kirby and Spence 1826: 498) proposed the genus-group name *Tetrops* in these terms "Lamia Tornator (*Cerambyx tetrophthalmus* Forst.) and some others, of which I make a genus, under the appellation of *Tetrops*, are also so distinguished. In these insects, one eye is above and the other below the base of the antennae; in fact, in these the *canthus*, instead of dividing the eye partially, as in the other Capricorn-beetles, runs quite through it at considerable width." This text was followed by a footnote in which Kirby mentioned among other things "*Saperda praeusta* F. has also four eyes." Stephens (1829: 16) listed "*praeusta* Lin." under the name "*Tetrops* Kir." and most authors have credited the name *Tetrops* to Stephens with *L. praeusta* as type species (see Vives and Alonso-Zarazaga 2000: 660-661; Sama 2002: 120). Currently *Cerambyx tetrophthalmus* Forster belong to the genus *Tetraopes* Dalman, 1817 and acceptance of this species as type species of

*Tetrops* would require nomenclatural changes. For that reason, we believe, as suggested by Vives and Alonso-Zarazaga (2000: 660-661), that a request should be submitted to the Commission to suppress the name *Tetrops* Kirby, 1826 for the Principle of Homonymy.

#### Tribe Tetraulaxini Breuning and Teocchi, 1976

Tetraulaxini Breuning and Teocchi, 1976: 881 [incorrect original stem]. Type genus: *Tetraulax* Jordan, 1903 [stem = *Tetraulac-*]. Type species: *Tetraulax lateralis* Jordan, 1903 by original designation. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

#### Tribe Theocridini Lacordaire, 1872

Théocrides Lacordaire, 1872: 414 (key), 494 [incorrect original stem]. Type genus: *Theocris* Thomson, 1858 [stem = *Theocrid-*]. Type species: *Theocris saga* Thomson, 1858 by monotypy. Availability (under Article 11.7.2): Theocridini Lacordaire, 1872 (Aurivillius 1922a: 238).

#### Tribe Tmesisternini Blanchard, 1853

Tmesisternitae Blanchard, 1853: 274. Type genus: *Tmesisternus* Latreille, 1829 [stem = *Tmesistern-*]. Type species: *Tmesisternus bizonulatus* Guérin-Méneville, 1831 by subsequent monotypy in Guérin-Méneville (1831: pl. 45). Comment. For the type species designation of the type genus, see Bousquet (2008: 623).

Spingnothitae Thomson, 1864: 31. Type genus: *Sphingnotus* Perroud, 1855 [stem = *Sphingnot-*]. Type species: *Tmesisternus mirabilis* Boisduval, 1835 designated by Thomson (1864: 31). Comment. Thomson (1864: 31) used *Sphingnothus*, an incorrect subsequent spelling of *Sphingnotus* Perroud, 1855 not in prevailing usage.

Ichthyosomitae Thomson, 1864: 33. Type genus: *Icthyosoma* Boisduval, 1835 [stem = *Icthyosomat-*]. Type species: *Icthyosoma armatum* Montrouzier, 1855 **present designation**. Comment. 1) The type genus was originally proposed twice the same year, under the spelling *Icthyosoma* by Boisduval (1835: 468) and under the spelling *Icthyosomus* by Dejean (1835: 327), both times as a junior synonym of *Tmesisternus* Latreille. Boisduval's work was published by March 27, 1835 (Evenhuis 1997: 104) while Dejean's catalogue was issued by August 22, 1835 (Madge 1988: 318). Therefore, based on the dates on which both works are demonstrated to be in existence, Boisduval's publication is older and has precedence. Even if first published as a junior synonym, the name *Icthyosoma* Boisduval is available from this date (e.g., 1835) because it has been treated before 1961 as an available name (e.g., Montrouzier, 1855: 58-59) (Article 11.6.1). The originally included species (for the purpose of the type species) of a genus-group taxon first published as a synonym are those first directly associated with the genus-group name (Article 67.12). In this case, the first species directly associated with the name *Icthyosoma* are those listed by Montrouzier (1855: 58) (e.g., *mirabilis* Boisduval, 1835; *dejeani* Montrouzier, 1855; and *armatum* Montrouzier, 1855). None of these three species have been selected as type species of *Icthyosoma* Boisduval to date and for that reason we select here *Icthyosoma armatum* Montrouzier, 1855 as type species. The type species designation of *Tmesisternus politus* Blanchard, 1846 by Thomson (1864: 34) is invalid since the species is not an originally included species. 2) Thomson used *Ichthyosomus*, an incorrect subsequent spelling not in prevailing usage, as the spelling of the type genus.

*Arsysiides* Lacordaire, 1872: 479 (based on *Arsysia* Pascoe, 1867). **Nomen nudum.**

Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1872).

*Trigonopterini* Aurivillius, 1922a: 229. Type genus: *Trigonoptera* Perroud, 1855 [stem = *Trigonopter-*]. Type species: *Trigonoptera maculata* Perroud, 1855 by monotypy.

### Tribe **Tragocephalini Thomson, 1857**

*Tragocephalites* Thomson, 1857b: 26. Type genus: *Tragocephala* Dejean, 1835 [stem = *Tragocephal-*]. Type species: *Lamia formosa* Olivier, 1792 designated by Thomson (1864: 70). Availability (under Article 11.7.2): *Tragocephalini* Thomson, 1857 (Aurivillius 1922a: 171).

### Tribe **Xenicotelini Matsushita, 1933**

*Xenicotelini* Matsushita, 1933: 346. Type genus: *Xenicotela* Bates, 1884 [stem = *Xenicotel-*]. Type species: *Xenicotela fuscula* Bates, 1884 by monotypy.

### Tribe **Xenofreini Aurivillius, 1923**

*Xenofreini* Aurivillius, 1923: 375. Type genus: *Xenofrea* Bates, 1885 [stem = *Xenofre-*]. Type species: *Xenofrea areolata* Bates, 1885 designated by Marinoni (1977: 50). Comment. This family-group name is usually attributed to Bates (1885: 373) but we did not find such name in the “Biologia Centrali-Americanana” or other publications of Bates.

### Tribe **Xenoleini Lacordaire, 1872**

*Xénoléides* Lacordaire, 1872: 416 (key), 460. Type genus: *Xenolea* Thomson, 1864 [stem = *Xenole-*]. Type species: *Xenolea collaris* Thomson, 1864 by original designation. Availability (under Article 11.7.2): *Xenoleini* Lacordaire, 1872 (Aurivillius 1922a: 216).

### Tribe **Xylorhizini Lacordaire, 1872**

*Xylorhizides* Lacordaire, 1872: 413 (key), 443. Type genus: *Xylorhiza* Dejean, 1835 [stem = *Xylorhiz-*]. Type species: *Lamia adusta* Wiedeman, 1819 by monotypy. Availability (under Article 11.7.2): *Xylorhizini* Lacordaire, 1872 (Aurivillius 1922a: 208).

### Tribe **Zygocerini Thomson, 1864**

*Zygoceritae* Thomson, 1864: 87. Type genus: *Zygocera* Erichson, 1842 [stem = *Zygocer-*]. Type species: *Zygocera canosa* Erichson, 1842 by monotypy.

*Disterninae* Pascoe, 1871: 268. Type genus: *Disterna* Thomson, 1864 [stem = *Distern-*]. Type species: *Zygocera bifasciata* Pascoe, 1859 by monotypy.

### Subfamily **Dorcasominae Lacordaire, 1868**

*Dorcasomides* Lacordaire, 1868: 403 (key), 456. Type genus: *Dorcasomus* Audinet-Serville, 1834 [stem = *Dorcasom-*]. Type species: *Cerambyx ebulinus* Fabricius, 1787 by monotypy. Availability (under Article 11.7.2): *Dorcasomini* Lacord[aire], 1869 (Aurivillius 1912: 251).

*Apatophysides* Lacordaire, 1869: 233 (key), 234 [incorrect original stem]. Type genus: *Apatophysis* Chevrolat, 1860 [stem = *Apatophyse-*]. Type species: *Apatophysis toxotoides* Chevrolat, 1860 by monotypy. Availability (under Article 11.7.2): *Apatophyseinae* Lacordaire, 1869 (Danilevsky 1979: 827). Comment. This synonymy was published by Özdkmen (2008: 713) based on information previously provided by Mikhail L. Danilevsky on-line.

## **Subfamily Cerambycinae Latreille, 1802**

Cerambicini Latreille, 1802: 211. Type genus: *Cerambyx* Linnaeus, 1758 [stem = *Cerambyc-*]. Type species: *Cerambyx cerdo* Linnaeus, 1758 designated by Latreille (1810: 431).

### **Tribe Achrysonini Lacordaire, 1868**

Achrysonides Lacordaire, 1868: 203 (key), 231 [incorrect original stem]. Type genus: *Achryson* Audinet-Serville, 1833 [stem = *Achrys-*]. Type species: *Stenocorus circumflexus* Fabricius, 1787 by monotypy. Availability (under Article 11.7.2): Achrysonini Lacordaire, 1869 (Aurivillius 1912: 395). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Agallissini LeConte, 1873**

Agallissini LeConte, 1873: 292 (key), 321. Type genus: *Agallissus* Dalman, 1823 [stem = *Agalliss-*]. Type species: *Agallissus melanioides* Dalman, 1823 by monotypy.

### **Tribe Alanizini Di Iorio, 2003**

Alanizini Di Iorio, 2003: 1. Type genus: *Alanizus* Di Iorio, 2003 [stem = *Alaniz-*]. Type species: *Alanizus tortuosus* Di Iorio, 2003 by original designation.

### **Tribe Anaglyptini Lacordaire, 1868**

Anaglyptides Lacordaire, 1868: 404 (key) [*nomen protectum*]. Type genus: *Anaglyptus* Mulsant, 1839 [stem = *Anaglypt-*]. Type species: *Leptura mystica* Linnaeus, 1758 designated by Desmarest (1860: 318). Availability (under Article 11.7.2): Anaglyptini Lacordaire, 1869 (Linsley 1964: 173). Comment. This family-group name is a junior homonym of a buprestid name originally proposed as Anaglyptidae by Gistel, 1848 (type genus *Anaglyptes* Gistel, 1848 = *Chalcophora* Dejean, 1833). Both of these family-group names have type genera that are similarly spelled but not homonyms. The correct stem based on both type genera is the same, i.e., *Anaglypt-*. Anaglyptini Gistel, 1848 has not been used as valid after 1899 to our knowledge and its usage threatens both Anaglyptini Lacordaire, 1868 in Cerambycidae and Chalcophorina Lacordaire, 1857 in Buprestidae. Anaglyptini Lacordaire has been used as the valid name for this group in the following 26 publications, published by more than ten authors in the immediately preceding 50 years and encompassing a span of more than ten years: Chemsak and Linsley (1974), Micheli (1983), Bílý and Mehl (1989), MacRae (1993), Monné (1993d), Lingafelter and Horner (1993), Monné and Giesbert (1995), Yanega (1996), Schiefer (1998), Arnett (2000), Ortúñoz and Peláez (2001), Vives (2001), Vlasák and Vlasáková (2002), Peña (2002), Noguera et al. (2002), Turnbow and Thomas (2002), Lacev et al. (2004), López-Pérez (2005), Chalumeau and Tournoult (2005), Pil and Stojanović (2005), Nearns et al. (2006), Nearns (2006), Ray et al. (2006), Hanks et al. (2007), McCorquodale et al. (2007), Monné and Bezark (2009). Consequently, in accordance with Article 23.9, Anaglyptini Lacordaire, 1868 is a *nomen protectum* and Anaglyptini Gistel, 1848 a *nomen oblitum*.

### **Tribe Aphanasiini Lacordaire, 1868**

Aphanasiides Lacordaire, 1868: 204 (key), 367. Type genus: *Aphanasium* Dejean, 1835 [stem = *Aphanasi-*]. Type species: *Callidium australe* Boisduval, 1835 by monotypy. Availability (under Article 11.7.2): Aphanasiini Lacordaire, 1869 (Aurivillius 1912: 139).

### **Tribe Aphneopini Lacordaire, 1868**

Aphnéopides Lacordaire, 1868: 402 (key), 421. Type genus: *Aphneope* Pascoe, 1863 [stem = *Aphneop-*]. Type species: *Aphneope sericata* Pascoe, 1863 by monotypy. Availability (under Article 11.7.2): Aphneopini Lacord[aire], 1869 (Aurivillius 1912: 155).

### **Tribe Auxesini Lepesme and Breuning, 1952**

Auxésides Lacordaire, 1872: 463 (based on *Auxesis* Thomson, 1858). **Nomen nudum.**

Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1872).

Auxesina Lepesme and Breuning, 1952: 140 [incorrect original stem]. Type genus: *Auxesis* Thomson, 1858 [stem = *Auxese-*]. Type species: *Auxesis gabonicus* Thomson, 1858 by monotypy. Comment. 1) This name was proposed as a new taxon without reference to Lacordaire's Auxésides. 2) This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Psathyridini Quentin, 1954: 103. Type genus: *Psathyrus* Thomson, 1857 [stem = *Psathyr-*].

Type species: *Psathyrus aeolis* Thomson, 1857 by monotypy.

### **Tribe Basipterini Fragoso *et al.*, 1987**

Basipterini Fragoso, Monné and Campos Seabra, 1987: 201. Type genus: *Basiptera* Thomson, 1864 [stem = *Basipter-*]. Type species: *Basiptera castaneipennis* Thomson, 1864 by original designation.

### **Tribe Bimiini Lacordaire, 1868**

Bimiides Lacordaire, 1868: 403 (key), 464. Type genus: *Bimia* White, 1850 [stem = *Bimi-*].

Type species: *Bimia bicolor* White, 1850 by monotypy. Availability (under Article 11.7.2): Bimiini Lacord[aire], 1869 (Aurivillius 1912: 254).

Sibyllini Cerdà, 1973: 115. Type genus: *Sibylla* Thomson, 1858 (junior homonym of *Sibylla* Stål, 1856 [Orthoptera]) [stem = *Sibyll-*]. Type species: *Phoedinus coemeterii* Thomson, 1856 by monotypy. Comment. This family-group name is permanently invalid because it is based on preoccupied type genus (Article 39).

### **Tribe Bothriospilini Lane, 1950**

Bothriospilinae Lane, 1950: 370. Type genus: *Bothriospila* Aurivillius, 1923 [stem = *Bothriospil-*]. Type species: *Bothriospila elegans* Aurivillius, 1923 by monotypy.

### **Tribe Brachypteromini Sama, 2008**

Brachypteromini Sama, 2008: 229 [incorrect original stem]. Type genus: *Brachypterooma* Heyden, 1863 [stem = *Brachypteromat-*]. Type species: *Brachypterooma ottomanum* Heyden, 1863 by monotypy. Comment. This family-group name is not properly formed from the stem of its type genus. Nevertheless, under Article 29.4, the original spelling must be maintained as the correct original spelling.

### **Tribe Callichromatini Swainson and Shuckard, 1840**

Callichrominae Swainson and Shuckard, 1840: 293, 294 [incorrect original stem]. Type genus: *Callichroma* Latreille, 1816 [stem = *Callichromat-*]. Type species: *Cerambyx suturalis* Fabricius, 1781 designated by Desmarest (1860: 315). Comment. For the type species designation of the type genus, see Bousquet (2008: 618).

Terambidae Gistel, 1848: [1]. Type genus: *Teramus* Gistel, 1848 [stem = *Teramb-*]. Type species: *Cerambyx moschatus* Linnaeus, 1758 by monotypy.

### Tribe Callidiini Kirby, 1837

Callidiidae Kirby, 1837: 170. Type genus: *Callidium* Fabricius, 1775 [stem = *Callidi-*]. Type species: *Cerambyx violaceus* Linnaeus, 1758 designated by Thomson (1864: 264).

Comment: The first type species designation for *Callidium* Fabricius is that of Latreille (1810) who selected *Cerambyx bajulus* Linnaeus, 1768. This species is not currently included in the genus *Callidium*. Therefore a request should be submitted to the Commission to suppress Latreille's type species designation and validate Thomson's designation in order to promote stability.

Phymatodates Mulsant, 1863: 91 (based on *Phymatodes* Mulsant, 1839). **Nomen nudum**.

Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

### Tribe Callidiopini Lacordaire, 1868

Callidiopsides Lacordaire, 1868: 204 (key), 340. Type genus: *Callidiopsis* White 1855 [stem = *Callidiop-*]. Type species: *Callidium scutellare* Fabricius, 1801 designated by Thomson (1864: 237). Availability (under Article 11.7.2): Callidiopini Lacord[aire], 1869 (Aurivillius 1912: 115).

Neocorini Martins, 2005: 240 (based on *Neocorus* Thomson, 1864). **Nomen nudum**.

Comment. This name is unavailable under Article 16.2 (type genus not cited).

### Tribe Cerambycini Latreille, 1802

Cerambicini Latreille, 1802: 211. Type genus: *Cerambyx* Linnaeus, 1758 [stem = *Cerambyc-*]. Type species: *Cerambyx cerdo* Linnaeus, 1758 designated by Latreille (1810: 431).

Sphallotrichina Martins and Monné, 2005: 2 (based on *Sphallotrichus* Fragoso, 1982).

**Nomen nudum**. Comment. This name is unavailable under Article 16.2 (type genus not cited).

### Tribe Certallini Fairmaire, 1864

Cartallites Fairmaire, 1864 ["31 December"]: 149. Type genus: *Cartallum* Audinet-Serville, 1834 (unjustified emendation of *Certallum* Dejean, 1821 not in prevailing usage) [stem = *Certall-*]. Availability (under Article 11.7.2): Certallini Fairmaire, 1864 (Vives 2000: 155). Comment. As far as we know, Villiers (1979: 292) acted as First Reviser and chose Certallini as the valid name for this taxon.

Pytheitae Thomson, 1864 ["31 December"]: 153. Type genus: *Pytheus* Newman, 1840 [stem = *Pythe-*]. Type species: *Pytheus jugosus* Newman, 1840 by monotypy.

Erionispites Chapuis, 1875: 301 (based on *Erionispa* Chapuis, 1875). **Nomen nudum**.

Comment. 1) This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Chapuis 1875). 2) The genus *Erionispa* Chapuis has been originally described in the family Chrysomelidae but Lameere (1884) showed that it is a junior synonym of the genus *Pytheus* Newman belonging to the Cerambycidae.

### Tribe Chlidonini Waterhouse, 1879

Chlidoninae Waterhouse, 1879: 320. Type genus: *Chlidones* Waterhouse, 1879 [stem = *Chlidon-*]. Type species: *Chlidones lineolatus* Waterhouse, 1879 by monotypy.

### Tribe Clytini Mulsant, 1839

Clytaires Mulsant, 1839: 27 (key), 70. Type genus: *Clytus* Laicharting, 1784 [stem = *Clyt-*].

Type species: *Leptura arietis* Linnaeus, 1758 designated by Curtis (1828: pl. 199).

Availability (under Article 11.7.2): Clytini Mulsant, 1839 (Aurivillius 1912: 358).

*Neoclytiae* Thomson, 1861: 137 (key), 215 (key), 219. Type genus: *Neoclytus* Thomson, 1861 (replacement name for *Rhopalomerus* Chevrolat, 1860) [stem = *Neoclyt-*]. Type species: *Rhopalomerus cacicus* Chevrolat, 1860 designated by Thomson (1864: 193).

*Cyllenitae* Thomson, 1864: 184. Type genus: *Cyllene* Newman, 1840 (junior homonym of *Cyllene* Gray, 1834 [Mollusca]) [stem = *Cyllen-*]. Type species: *Cyllene spinifera* Newman, 1840 by monotypy. Comment. This family-group name is permanently invalid because it is based on a preoccupied type genus (Article 39).

#### Tribe Compsocerini Thomson, 1864

*Compsoceritae* Thomson, 1864: 260. Type genus: *Compsocerus* Audinet-Serville, 1834 [stem = *Compsocer-*]. Type species: *Compsocerus barbicornis* Audinet-Serville, 1834 by monotypy. Comment. *Compsocerus* was first proposed, without description, by Lacordaire (1830: 175) for one species, “*C. barbicornis* (*Saperda plumigera*, Oliv.)”. The species referred to is *Saperda barbicornis* Fabricius, 1793 and this species is currently the type species of *Paromoeocerus* Gounelle, 1910. Audinet-Serville (1834: 62-63) described the genus *Compsocerus* and listed a single species, *Compsocerus barbicornis*. He mentioned that the species could be the *Saperda barbicornis* of Fabricius but, because of discrepancies in the description and provenance, he was uncertain. Gounelle (1910) pointed out that two species were involved under the name *barbicornis* in collections. The species of Fabricius (1793: 311) for which he proposed the generic name *Paromoeocerus* and the species of Audinet-Serville (1834: 63). Unfortunately, because both species occur in Brazil, it cannot be ascertained as to which species Lacordaire (1830) was referring to. At this point, it could be argued that Audinet-Serville, because of the uncertainty raised, proposed a new species under the name *Compsocerus barbicornis* and that the species is described by the character states of the antennal tuft given by Audinet-Serville (1834: 64) for the species. If *Compsocerus* Lacordaire, 1830 is retained, thence it would become the valid name for the genus *Paromoeocerus* and the genus *Compsocerus* as currently recognized would have to be dropped for one of its synonyms. In order to preserve stability, we believe the best solution would be to apply to the Commission to suppress the name *Compsocerus* Lacordaire, 1830 for both the Principle of Homonomy and Priority. The interpretation of the situation regarding *Compsocerus* made by Napp (1976) cannot be sustained under the current ICZN (1999).

#### Tribe Coptommatini Lacordaire, 1869

*Coptommides* Lacordaire, 1869: 215 (key), 221 [incorrect original stem]. Type genus: *Coptomma* Newman, 1840 [stem = *Coptommat-*]. Type species: *Coptomma virgatum* Newman, 1840 designated by Song and Wang (2003: 430). Availability (under Article 11.7.2): Coptommatini Lacord[aire], 1869 (Aurivillius 1912: 358).

*Navomorphides* Lacordaire, 1869: 215 (key), 223. Type genus: *Navomorpha* White, 1855 [stem = *Navomorph-*]. Type species: *Lamia lineata* Fabricius, 1787 designated by Thomson (1864: 38). Availability (under Article 11.7.2): Navomorphini Lacordaire, 1869 (Aurivillius 1912: 488).

#### Tribe Curiini LeConte, 1873

*Curii* LeConte, 1873: 304. Type genus: *Curius* Newman, 1840 [stem = *Curi-*]. Type species: *Curius dentatus* Newman, 1840 by monotypy.

#### Tribe Deilini Fairmaire, 1864

Déilates Mulsant, 1863: 190 (based on *Deilus* Audinet-Serville, 1834). **Nomen nudum**. Comment. This name is unavailable based on Article 11.7.2 (not subsequently latinized and attributed to Mulsant 1863).

Déilates Fairmaire, 1864: 154. Type genus: *Deilus* Audinet-Serville, 1834 [stem = *Deil-*].

Type species: *Callidium fugax* Olivier, 1790 by monotypy. Availability (under Article 11.7.2): Deilini Fairm[aire], 1864 (Aurivillius 1912: 294). Comment. Dilusina, used by

Reitter (1913: 30), is based on *Dilus* Gemminger and Harold, 1872, an unjustified emendation of *Deilus* Audinet-Serville, 1834 not in prevailing usage.

### Tribe Dejanirini Lacordaire, 1868

Déjanirides Lacordaire, 1868: 403 (key), 460. Type genus: *Dejanira* Thomson, 1864 [stem = *Dejanir-*]. Type species: *Dejanira quadripunctata* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Dejanirini Lacord[aire], 1869 (Aurivillius 1912: 253).

### Tribe Diorini Lane, 1950

Diorini Lane, 1950: 373. Type genus: *Diorus* White, 1853 [stem = *Dior-*]. Type species: *Diorus biapiculatus* White, 1853 by monotypy.

### Tribe Distichocerini Pascoe, 1868

Distichocérètes Blanchard, 1845: 144, 167 (based on *Distichocera* Kirby, 1819). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).

Distichocerinae Pascoe, 1868 [<30 May]: 125. Type genus: *Distichocera* Kirby, 1819 [stem = *Distichocer-*]. Type species: *Distichocera maculicollis* Kirby, 1819 by monotypy. Comment. This family-group name has also been proposed the same year by Lacordaire (1868 [28 November]: 405, as Distichocérèdes).

### Tribe Dodecosini Aurivillius, 1912

Dodecosini Aurivillius, 1912: 132 [incorrect original stem]. Type genus: *Dodecosis* Bates, 1867 [stem = *Dodecose-*]. Type species: *Dodecosis saperdina* Bates, 1867 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Olexandrellaeini Zajciw, 1959: 605 [incorrect original stem]. Type genus: *Olexandrella* Zajciw, 1959 [stem = *Olexandrell-*]. Type species: *Olexandrella serotina* Zajciw, 1959 by original designation.

### Tribe Dryobiini Arnett, 1962

Dryobiini Arnett, 1962: 861. Type genus: *Dryobius* LeConte, 1850 [stem = *Dryobi-*]. Type species: *Callidium sexfasciatum* Say, 1824 by monotypy. Comment. This family-group name is a junior homonym of a ptinid name originally proposed as Dryobiidae by Gistel, 1856 (type genus *Dryobia* Gistel, 1856 = *Dryophilus* Chevrolat, 1832). Both of these family-group names have type genera that are similarly spelled but are not homonyms. The correct stem based on both type genera is the same, i.e., *Dryobi-*. Dryobiini Gistel, 1856 has not been used as valid after 1899 to our knowledge. Usage of Gistel's name would threaten Dryobiini Arnett, which has been used as the valid name for this cerambycid group in the following 25 publications, published by more than ten authors in the immediately preceding 50 years and encompassing a span of more than ten years: Linsley (1964), Perry et al. (1974), Chemsak and Linsley (1982), Arnett (1985, 2000), Chemsak et al. (1992), MacRae (1993), Monné (1993c), Chemsak and Noguera (1993), Monné and Giesbert (1995), Yanega (1996), Noguera and Chemsak (1996), Terrón

(1997), Schiefer (1998), Monné (2001), Noguera *et al.* (2002), Turnbow and Thomas (2002), Toledo *et al.* (2002), Marques and Napp (2003), Mermudes and Napp (2004), Monné (2005b), López-Pérez (2005), Monné and Hovore (2006), Lingafelter (2007), Özdkmen *et al.* (2009).

#### Tribe Eburiini Blanchard, 1845

Éburiites Blanchard, 1845: 145, 168. Type genus: *Eburia* Lacordaire, 1830 [stem = *Eburi-*].

Type species: *Cerambyx quadrimaculata* Linnaeus, 1767 designated by Hope (1849: 189). Availability (under Article 11.7.2): Eburiini Blanchard, 1845 (Monné 1993a: 20).

#### Tribe Ectenessini Martins, 1998

Ectenessini Martins, 1998a: 82. Type genus: *Ectenessa* Bates, 1885 [stem = *Ecteness-*]. Type species: *Ectenessa nitida* Bates, 1885 designated by Napp and Martins (1982: 371).

#### Tribe Elaphidiini Thomson, 1864

Elaphidionitae Thomson, 1864: 235 [incorrect original stem]. Type genus: *Elaphidion* Audinet-Serville, 1834 [stem = *Elaphidi-*]. Type species: *Cerambyx spinicornis* Drury, 1773 designated by Newman (1840: 6). Comment. This family-group name was known under the spelling Elaphidionini until Ivie (1985: 303) pointed out the correct stem of the type genus. Currently both spellings are used in the literature but we prefer to give priority to the correct spelling.

Sphérionides Lacordaire, 1868: 204 (key), 312 [incorrect original stem]. Type genus: *Sphaerion* Audinet-Serville, 1834 [stem = *Sphaeri-*]. Type species: *Elaphidion cyanipennis* Audinet-Serville, 1834 by monotypy. Availability (under Article 11.7.2): Sphaerionini Lacord[aire], 1869 (Aurivillius 1912: 96). Comment. This family-group name is a junior homonym of Sphaeriidae Deshayes, 1855 (based on *Sphaerium* Scopoli, 1777 [Mollusca]). The case is to be referred to the Commission for a ruling to remove the homonymy (Article 55.3.1).

Stenosphenini LeConte, 1873: 292 (key), 316. Type genus: *Stenosphenus* Haldeman, 1847 [stem = *Stenosphen-*]. Type species: *Callidium notatum* Olivier, 1795 by monotypy.

#### Tribe Eligmodermini Lacordaire, 1868

Élighmodermides Lacordaire, 1868: 204 (key), 337 [incorrect original stem]. Type genus: *Elighmoderma* Thomson, 1864 [stem = *Elighmodermat-*]. Type species: *Elighmoderma ibidionoides* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Eligmodermini Lacord[aire], 1869 (Aurivillius 1912: 114). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

#### Tribe Erlandiini Aurivillius, 1912

Erlandiini Aurivillius, 1912: 12. Type genus: *Erlandia* Aurivillius, 1904 [stem = *Erlandi-*]. Type species: *Erlandia inopinata* Aurivillius, 1904 by monotypy.

#### Tribe Eroschemini Lacordaire, 1868

Éroschémides Lacordaire, 1868: 403 (key), 515 [incorrect original stem]. Type genus: *Eroschema* Pascoe, 1859 [stem = *Eroschemat-*]. Type species: *Eroschema poweri* Pascoe, 1859 by monotypy. Availability (under Article 11.7.2): Eroschemini Lacord[aire], 1869 (Aurivillius 1912: 287). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Eumichthini Linsley, 1940**

Eumichthini Linsley, 1940: 367 (key), 368 [incorrect stem formation]. Type genus: *Eumichthus* LeConte, 1873 [stem = *Eumichthy-*]. Type species: *Eumichthus oedipus* LeConte, 1873 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Gahaniini Quentin and Villiers, 1969**

Gahaniini Quentin and Villiers, 1969: 615. Type genus: *Gahania* Distant, 1907 [stem = *Gahani-*]. Type species: *Gahania simmondsi* Distant, 1907 by monotypy.

### **Tribe Glaucytini Lacordaire, 1868**

Glaucytides Lacordaire, 1868: 405 (key). Type genus: *Glaucytes* Thomson, 1858 (replacement name for *Leptocera* Latreille, 1829) [stem = *Glaucyt-*]. Type species: *Cerambyx scriptus* Fabricius, 1798 by monotypy. Availability (under Article 11.7.2): Glaucytini Lacord[aire], 1869 (Aurivillius 1912: 435).

### **Tribe Graciliini Mulsant, 1839**

Graciliaires Mulsant, 1839: 27 (key), 99. Type genus: *Gracilia* Audinet-Serville, 1834 [stem = *Gracili-*]. Type species: *Callidium pygmaeum* Fabricius, 1793 by monotypy. Availability (under Article 11.7.2): Graciliini Mulsant, 1839 (Monné 1993b: 9).

### **Tribe Hesperophanini Mulsant, 1839**

Hespérophanaires Mulsant, 1839: 27 (key), 61. Type genus: *Hesperophanes* Dejean, 1835 [stem = *Hesperophan-*]. Type species: *Callidium sericeum* Fabricius, 1787 designated by Thomson (1864: 253). Availability (under Article 11.7.2): Hesperophanini Mulsant, 1839 (Monné 1993a: 1). Comment. Dejean (1835: 328) originally included three available species under *Hesperophanes*: *Callidium mixtum* Fabricius, 1798 (= *Callidium pallidum* Olivier, 1790); *Callidium nebulosum* Olivier, 1790 (= *Cerambyx cinereus* Villers, 1789); and *Callidium holosericeum* Rossi, 1790 (= *Cerambyx cinereus* Villers, 1789). All these species are currently included in the genus *Trichoferus* Wollaston. We agree with Vives and Alonso-Zarazaga (2000: 657) that a request should be submitted to the International Commission on Zoological Nomenclature to validate *Callidium sericeum* Fabricius, 1787 as type species of *Hesperophanes* Dejean, 1835.

### **Subtribe Daramina Sama, 2008**

Daramina Sama, 2008: 224. Type genus: *Daramus* Fairmaire, 1892 [stem = *Daram-*]. Type species: *Daramus serricornis* Fairmaire, 1892 by monotypy.

### **Subtribe Hesperophanina Mulsant, 1839**

Hespérophanaires Mulsant, 1839: 27 (key), 61. Type genus: *Hesperophanes* Dejean, 1835 [stem = *Hesperophan-*]. Type species: *Callidium sericeum* Fabricius, 1787 designated by Thomson (1864: 253). Availability (under Article 11.7.2): Hesperophanini Mulsant, 1839 (Monné 1993a: 1).

Cerasphoritae Thomson, 1861: 137 (key), 230 (key), 234. Type genus: *Cerasphorus* Audinet-Serville, 1834 [stem = *Cerasphor-*]. Type species: *Cerasphorus hirticornis* Audinet-Serville, 1834 designated by Thomson (1861: 236).

### **Tribe Hesthesini Pascoe, 1868**

Hesthesinae Pascoe, 1868 [<30 May]: 127 [incorrect original stem]. Type genus: *Hesthesia* Newman, 1840 [stem = *Hesthese-*]. Type species: *Leptura variegata* Fabricius, 1775

designated by Thomson (1864: 162). Comment. 1) This family-group name has also been proposed the same year by Lacordaire (1868 [28 November]: 405, as *Hesthésides*). 2) This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

#### Tribe Heteropsini Lacordaire, 1869

*Dichophyiaeidae* Gistel, 1848: [2] [*nomen oblitum*]. Type genus: *Dichophyia* Gistel, 1848 (unjustified emendation of *Mallosoma* Audinet-Serville, 1834 not in prevailing usage) [stem = *Mallosomat-*]. Type species: *Mallosoma elegans* Audinet-Serville, 1834 by monotypy. Comment. This family-group name has not been used as valid for a particular taxon after 1899 and *Heteropsini* has been used as the valid name for this group in the following 26 publications, published by more than ten authors in the immediately preceding 50 years and encompassing a span of more than ten years: Linsley (1961), Martins (1964), Monné and Martins (1981), Fragoso *et al.* (1987), Hovore and Giesbert (1990), Chemsak *et al.* (1992), Monné and Giesbert (1992), Monné (1994a), Martins and Napp (1995), Napp and Santos (1996, 1999), Napp and Martins (1997, 1998, 1999, 2002a, 2002b, 2002c), Peck and Thomas (1998), Mermudes and Napp (2001), Turnbow and Thomas (2002), Galileo and Martins (2003), Lingafelter and Michel (2004), Martins and Galileo (2004), Napp and Monné (2005b), Peck (2005), Monné and Bezark (2009). Consequently, in accordance with Article 23.9, *Dichophyini* Gistel, 1848 is a *nomen oblitum* and *Heteropsini* Lacordaire, 1869 a *nomen protectum*.

*Hétéropsides* Lacordaire, 1869: 121 [*nomen protectum*] [incorrect original stem]. Type genus: *Heterops* Blanchard, 1842 [stem = *Heterop-*]. Type species: *Purpuricenus loreyi* Duponchel, 1837 designated by Thomson (1864: 203). Availability (under Article 11.7.2): *Heteropsini* Lacordaire, 1869 (Aurivillius 1912: 438). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

#### Tribe Holopleurini Chemsak and Linsley, 1974

*Holopleurini* Chemsak and Linsley, 1974: 183. Type genus: *Holopleura* LeConte, 1873 [stem = *Holopleur-*]. Type species: *Holopleura marginata* LeConte, 1873 designated by Linsley (1962b: 181).

#### Tribe Holopterini Lacordaire, 1868

*Holoptérides* Lacordaire, 1868: 204 (key), 393. Type genus: *Holopterus* Blanchard, 1851 [stem = *Holopter-*]. Type species: *Holopterus chilensis* Blanchard, 1851 by monotypy. Availability (under Article 11.7.2): *Holopterini* Lacordaire, 1869 (Aurivillius 1912: 148).

#### Tribe Hyboderini Linsley, 1940

*Hyboderini* Linsley, 1940: 367 (key), 371. Type genus: *Hybodera* LeConte, 1873 [stem = *Hyboder-*]. Type species: *Hybodera tuberculata* LeConte, 1873 by monotypy.

#### Tribe Hylotrupini Zagajkevich, 1991

*Hylotrupini* Zagajkevich, 1991: 67. Type genus: *Hylotrupes* Audinet-Serville, 1834 [stem = *Hylotrup-*]. Type species: *Cerambyx bajulus* Linnaeus, 1758 by monotypy.

#### Tribe Ibridionini Thomson, 1861

*Ibridionitae* Thomson, 1861: 135 (key), 188 (key), 199. Type genus: *Ibridion* Gory, 1833 [stem = *Ibidi-*]. Type species: *Ibridion amoenum* Gory, 1833 by monotypy. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

Acangassuini Galileo and Martins, 2001b: 95 (based on *Acangassu* Galileo and Martins, 2001). **Nomen nudum.** Comment. This name is unavailable under Article 16.2 (type genus not cited).

Sydacini Martins, 2003a: 204, 205 (based on *Sydex* Lacordaire, 1868). **Nomen nudum.** Comment. This name is unavailable under Article 16.1 (not explicitly indicated as intentionally new). This taxon, which included a single genus, *Sydex* Lacordaire, 1868, was described in Martins (1997a: 8-9) but not named. It was named in Martins (2003a: 204, 205) but not indicated as intentionally new, a requirement of availability after 1999.

Hexoploniini Martins, 2006: 22 [incorrect original stem] (based on *Hexoplone* Thomson, 1864). **Nomen nudum.** Comment. This name is unavailable under Article 16.2 (type genus not cited).

Compsina Martins and Galileo, 2007: 6 (based on *Compsa* Perty, 1832). **Nomen nudum.** Comment. This name is unavailable under Article 16.2 (type genus not cited).

Tropidina Martins and Galileo, 2007: 7 [incorrect original stem] (based on *Tropidion* Thomson, 1867). **Nomen nudum.** Comment. This name is unavailable under Article 16.2 (type genus not cited).

#### Tribe Ideratini Martins and Napp, 2009

Ideratini Martins and Napp, 2009: 216. Type genus: *Ideratus* Thomson, 1864 [stem = *Iderat-*]. Type species: *Ideratus cyanipennis* Thomson, 1864 by monotypy.

#### Tribe Lissonotini Swainson and Shuckard, 1840

Lissonotinae Swainson and Shuckard, 1840: 289, 291. Type genus: *Lissonotus* Dalman, 1817 [stem = *Lissonot-*]. Type species: *Lissonotus biguttatus* Dalman, 1817 designated by Thomson (1864: 207). Comment. This family-group name is a senior homonym of Lissonotini Förster, 1869 (based on *Lissonota* Gravenhorst, 1829 [Hymenoptera: Ichneumonidae]). The case is to be referred to the Commission for a ruling to remove the homonymy (Article 55.3.1).

#### Tribe Lygrini Sama, 2008

Lygrini Sama, 2008: 222. Type genus: *Lygrus* Fåhraeus, 1872 [stem = *Lygr-*]. Type species: *Lygrus apicalis* Fåhraeus, 1872 by monotypy.

#### Tribe Macronini Lacordaire, 1868

Enchaperitae Thomson, 1861: 132 (key), 143 (key), 151. Type genus: *Enchoptera* Saunders, 1850 [stem = *Enchopter-*]. Type species: *Enchoptera apicalis* Saunders, 1850 designated by Thomson (1864: 139). Comment. 1) Thomson (1861: 151) used *Enchaperita*, an incorrect subsequent spelling of *Enchoptera* Saunders, 1850 not in prevailing usage. 2) This name has precedence over *Macronini* Lacordaire, 1868 but has not been used as a valid name after 1899 to our knowledge. Unfortunately, we are unable to provide 25 references for *Macronini* in the immediately preceding 50 years. Nevertheless, we believe the name *Macronini* should be preserved for this group and an application submitted to the Commission.

Macronides Lacordaire, 1868: 403 (key), 414. Type genus: *Macrones* Newman, 1841 [stem = *Macron-*]. Type species: *Macrones exilis* Newman, 1841 by monotypy. Availability (under Article 11.7.2): *Macronini* Lacord[aire], 1869 (Aurivillius 1912: 153).

### **Tribe Megacoelini Quentin and Villiers, 1969**

Megacoelini Quentin et Villiers, 1969: 615. Type genus: *Megacoelus* Lacordaire, 1868 (replacement name for *Megaproctus* Chevrolat, 1840) [stem = *Megacoel-*]. Type species: *Megaproctus didelphis* Chevrolat, 1840 by monotypy.

### **Tribe Methiini Thomson, 1860**

Methiitae Thomson, 1860: 5 (key), 127, 128. Type genus: *Methia* Newman, 1842 (replacement name for *Thia* Newman, 1840) [stem = *Methi-*]. Type species: *Thia pusilla* Newman, 1840 by monotypy.

### **Tribe Molorchini Gistel, 1848**

Molorchidae Gistel, 1848: [2]. Type genus: *Molorchus* Fabricius, 1793 [stem = *Molorch-*]. Type species: *Necydalis umbellatarum* Schreber, 1759 designated by Curtis (1824: pl. 11). Comment. See Bousquet (2008: 620) for a discussion of the type species of *Molorchus* Fabricius. Oxycoleini Martins and Galileo, 2003: 52 (based on *Oxycoleus* Lacordaire, 1868). **Nomen nudum**. Comment. This name is unavailable under Article 16.2 (type genus not cited).

### **Tribe Mythodini Lacordaire, 1868**

Mythodidae Lacordaire, 1868: 403 (key), 418. Type genus: *Mythodes* Thomson, 1864 [stem = *Mythod-*]. Type species: *Mythodes plumosa* Thomson, 1864 by original designation. Availability (under Article 11.7.2): Mythodini Lacord[aire], 1869 (Aurivillius 1912: 154).

### **Tribe Necydalopsini Lacordaire, 1868**

Nécydalopsides Lacordaire, 1868: 405 (key), 493 [incorrect original stem]. Type genus: *Necydalopsis* Blanchard, 1851 [stem = *Necydalopse-*]. Type species: *Necydalopsis trizonatus* Blanchard, 1851 by monotypy. Availability (under Article 11.7.2): Necydalopsini Lacord[aire], 1869 (Aurivillius 1912: 275). Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### **Tribe Neostenini Lacordaire, 1868**

Néosténides Lacordaire, 1868: 203 (key), 363. Type genus: *Neostenus* Pascoe, 1857 [stem = *Neosten-*]. Type species: *Neostenus saundersii* Pascoe, 1857 by monotypy. Availability (under Article 11.7.2): Neostenini Lacord[aire], 1869 (Aurivillius 1912: 138).

### **Tribe Obriini Mulsant, 1839**

Obriaires Mulsant, 1839: 27 (key), 95. Type genus: *Obrium* Dejean, 1821 [stem = *Obri-*]. Type species: *Cerambyx cantharinus* Linnaeus, 1767 designated by Curtis (1825: pl. 91). Availability (under Article 11.7.2): Obriini Mulsant, 1839 (Monné 1993b: 11).

### **Tribe Ochyrini Pascoe, 1871**

Ochyrinae Pascoe, 1871: 268, 273. Type genus: *Ochyra* Pascoe, 1871 [stem = *Ochyr-*]. Type species: *Ochyra coarctata* Pascoe, 1871 by monotypy.

### **Tribe Oedenoderini Aurivillius, 1912**

Oedenoderini Aurivillius, 1912: 358. Type genus: *Oedenoderus* Chevrolat, 1858 [stem = *Oedenoder-*]. Type species: *Oedenoderus pupa* Chevrolat, 1858 designated by Thomson (1861: 251).

### **Tribe Oemini Lacordaire, 1868**

Oemides Lacordaire, 1868: 216. Type genus: *Oeme* Newman, 1840. [stem = *Oem-*]. Type species: *Oeme indecora* Newman, 1840 by monotypy. Availability (under Article 11.7.2): Oemini Lacord[aire], 1869 (Aurivillius 1912: 26).

#### **Subtribe Methioidina Martins, 1997**

Methioidina Martins, 1997a: 12 (key), 119. Type genus: *Methioides* Chemsak and Linsley, 1967 [stem = *Methioid-*]. Type species: *Methioides cicatricosa* Chemsak and Linsley, 1967 by original designation.

#### **Subtribe Oemina Lacordaire, 1868**

Malacoptérites Blanchard, 1845: 147 (based on *Malacopterus* Audinet-Serville, 1833).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).

Oemides Lacordaire, 1868: 216. Type genus: *Oeme* Newman, 1840. [stem = *Oem-*]. Type species: *Oeme indecora* Newman, 1840 by monotypy. Availability (under Article 11.7.2): Oemini Lacord[aire], 1869 (Aurivillius 1912: 26).

### **Tribe Opsimini LeConte, 1873**

Opsimi LeConte, 1873: 293 (key), 294. Type genus: *Opsimus* Mannerheim, 1843 [stem = *Opsim-*]. Type species: *Opsimus quadrilineatus* Mannerheim, 1843 by monotypy.

### **Tribe Paraholopterini Martins, 1997**

Paraholopterini Martins, 1997b: 201. Type genus: *Paraholopterus* Cerdá and Cekalovic, 1987 [stem = *Paraholopter-*]. Type species: *Paraholopterus nahuelbutensis* Cerdá and Cekalovic, 1987 by original designation.

### **Tribe Phalotini Lacordaire, 1868**

Phalotides Lacordaire, 1868: 405 (key), 495. Type genus: *Phalota* Pascoe, 1863 [stem = *Phalot-*]. Type species: *Phalota tenella* Pascoe, 1863 by monotypy. Availability (under Article 11.7.2): Phalotini Lacord[aire], 1869 (Aurivillius 1912: 276).

### **Tribe Phlyctaenodini Lacordaire, 1868**

Phlycténodides Lacordaire, 1868: 204 (key), 370. Type genus: *Phlyctaenodes* Newman, 1840 [stem = *Phlyctaenod-*]. Type species: *Phlytaenodes pustulosa* Newman, 1840 by monotypy. Availability (under Article 11.7.2): Phlyctaenodini Lacordaire, 1869 (Monné 1993b: 20).

### **Tribe Phoracanthini Newman, 1840**

Stenocoridae Hope, 1834: 106. Type genus: *Stenocorus* Geoffroy sensu Hope, 1834 (= *Phoracantha* Newman, 1840) [stem = *Stenocor-*]. Comment. Because the type genus was misidentified when Hope established his family-group name, the case is to be referred to the Commission for a ruling (Article 65.2.1). In fact, an application should be made to the Commission to reject the name for both the Principles of Homonymy and Priority.

Phoracanthidae Newman, 1840: 2. Type genus: *Phoracantha* Newman, 1840 [stem = *Phoracanth-*]. Type species: *Stenocorus semipunctatus* Fabricius, 1775 by original designation.

### **Tribe Phyllarthriini Lepesme and Breuning, 1956**

Phyllarthriini Lepesme and Breuning, 1956: 287. Type genus: *Phyllarthrius* Hope, 1843 [stem = *Phyllarthri-*]. Type species: *Phyllarthrius africanus* Hope, 1843 designated by Thomson (1864: 269).

### **Tribe Piesarthriini McKeown, 1947**

Piesarthriini McKeown, 1947: 55 [incorrect original stem]. Type genus: *Piesarthrius* Hope, 1834 [stem = *Piesarthri-*]. Type species: *Piesarthrius marginellus* Hope, 1834 by original designation. Comment. This family-group name was proposed after 1930 without description, definition or bibliographic reference to such published statement but is available because it was used as valid before 2000 and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (Article 13.2.1).

### **Tribe Piezocerini Lacordaire, 1868**

Piézocérides Lacordaire, 1868: 204 (key), 324. Type genus: *Piezocera* Audinet-Serville, 1834 [stem = *Piezocer-*]. Type species: *Piezocera bivittata* Audinet-Serville, 1834 by monotypy. Availability (under Article 11.7.2): Piezocerini Lacord[aire], 1869 (Aurivillius 1912: 102).

#### **Subtribe Haruspicina Martins, 1976**

Haruspicina Martins, 1976: 199. Type genus: *Haruspex* Thomson, 1864 [stem = *Haruspic-*]. Type species: *Ozodes brevipes* White, 1855 by original designation.

#### **Subtribe Piezocerina Lacordaire, 1868**

Piézocérides Lacordaire, 1868: 204 (key), 324. Type genus: *Piezocera* Audinet-Serville, 1834 [stem = *Piezocer-*]. Type species: *Piezocera bivittata* Audinet-Serville, 1834 by monotypy. Availability (under Article 11.7.2): Piezocerini Lacord[aire], 1869 (Aurivillius 1912: 102).

Zelliboriinae Lane, 1951: 5. Type genus: *Zelliboria* Lane, 1951 [stem = *Zellibori-*]. Type species: *Rhagium daedaleum* Perty, 1830 by original designation.

### **Tribe Platyarthrini Bates, 1870**

Coelarthrides Lacordaire, 1868: 405 (key) (based on *Coelarthron* Lacordaire, 1869, unjustified emendation of *Caelomarthon* Thomson, 1860). **Nomen nudum**. Comment. 1) This name is unavailable under Article 11.7.2 (not subsequently latinized, attributed to Lacordaire 1868, and considered as valid). 2) This family-group name was subsequently latinized by a few authors (e.g., Lucas 1920: 17, Ferreira and Veiga-Ferreira 1959b: 331, and Veiga Ferreira 1964: 737) but all of them listed the name as junior synonym of Platyarthrini and therefore did not validate Lacordaire's name.

Platyarthrinae Bates, 1870: 419 [incorrect stem formation]. Type genus: *Platyarthron* Guérin-Méneville, 1844 [stem = *Platyarthr-*]. Type species: *Platyarthron bilineatum* Guérin-Méneville, 1844 by monotypy.

### **Tribe Plectogastrini Quentin and Villiers, 1969**

Plectogastrini Quentin and Villiers, 1969: 615. Type genus: *Plectogaster* Waterhouse, 1881 [stem = *Plectogastr-*]. Type species: *Megacoelus pectinicornis* Bates, 1881 designated by Quentin and Villiers (1969: 615).

### Tribe Plectromerini Nearns and Branham, 2008

Plectromerini Nearns and Branham, 2008: 19. Type genus: *Plectromerus* Haldeman, 1847 [stem = *Plectromer-*]. Type species: *Obrium dentatum* J.E. LeConte, 1824 (= *Callidium dentipes* Olivier, 1790) designated by Linsley (1963: 135). Comment. 1) The first type species designation for *Plectromerus* Haldeman is that of LeConte (1873: 189) who selected *Plectromerus concinnatus* Haldeman, 1847 (= *Curius dentatus* Newman, 1840). Although LeConte (1873: 189) listed *Curius dentatus*, not an originally included species, as type species of *Plectromerus*, the fact that he listed *Plectromerus concinnatus* Haldeman, 1847, one of the two originally included species in *Plectromerus*, at the same time in synonymy with *Curius dentatus* Newman, he is deemed to have designed *Plectromerus concinnatus* Haldeman as type species of *Plectromerus* (Article 69.2.2). 2) *Curius dentatus* Newman is the type species of the genus *Curius* Newman, 1840. Acceptance of LeConte (1873: 189) type-species designation will imply nomenclatural changes and not promote stability. A request should be addressed to the Commission to reject LeConte's designation. Meanwhile *Obrium dentatum* J.E. LeConte should be retained as type species of *Plectromerus* Haldeman, 1847.

### Tribe Pleiarthrocerini Lane, 1950

Pleiarthrocerinae Lane, 1950: 371. Type genus: *Pleiarthrocerus* Bruch, 1915 [stem = *Pleiarthrocer-*]. Type species: *Pleiarthrocerus opacus* Bruch, 1915 by monotypy.

### Tribe Protaxini Gahan, 1906

Protaxini Gahan, 1906: 91 (key), 92 [incorrect original stem]. Type genus: *Protaxis* Gahan, 1906 [stem = *Protaxe-*]. Type species: *Protaxis fulvescens* Gahan, 1906 by original designation. Comment. This family-group name is not properly formed from the stem of the type genus. However, the spelling is in prevailing usage and so is to be maintained (Article 29.5).

### Tribe Prothemiini Lacordaire, 1868

Prothémides Lacordaire, 1868: 405 (key), 524. Type genus: *Prothema* Pascoe, 1856 [stem = *Prothem-*]. Type species: *Prothema signata* Pascoe, 1856 designated by Thomson (1864: 182). Availability (under Article 11.7.2): Prothemiini Lacord[aire], 1869 (Aurivillius 1912: 291).

### Tribe Psebiini Lacordaire, 1868

Leptidéites Fairmaire, 1864: 148, 193 (based on *Leptidea* Mulsant, 1839). **Nomen nudum**. Comment. This name is unavailable based on Article 11.7.2 (not subsequently latinized and attributed to Fairmaire 1864).

Psébiides Lacordaire, 1868: 403 (key), 479. Type genus: *Psebium* Pascoe, 1864 [stem = *Psebi-*]. Type species: *Psebium brevipenne* Pascoe, 1864 by monotypy. Availability (under Article 11.7.2): Psebiini Lacord[aire], 1869 (Aurivillius 1912: 261).

Leptideina Reitter, 1913: 24 (key), 26. Type genus: *Leptidea* Mulsant, 1839 (junior homonym of *Leptidea* Billberg, 1820 [Lepidoptera]) [stem = *Leptide-*]. Type species: *Leptidea brevipennis* Mulsant, 1839 by monotypy. Comment. This name is permanently invalid because it is based on a preoccupied type genus (Article 39).

Cambaiinae Lane, 1951: 12. Type genus: *Cambaia* Lane, 1951 [stem = *Cambai-*]. Type species: *Cambaia longitarsis* Lane, 1951 by original designation.

Nathriini Arnett, 1962: 860. Type genus: *Nathrius* Brèthes, 1916 [stem = *Nathri-*]. Type species: *Nathrius porteri* Brèthes, 1916 by monotypy.

### **Tribe Pseudocephalini Aurivillius, 1912 (1861)**

*Ametrocephalitae* Thomson, 1861: 138 (key), 257 (key), 256. Type genus: *Ametrocephala* Blanchard, 1851 [stem = *Ametrocephal-*]. Type species: *Ametrocephala monstrosa* Blanchard, 1851 by monotypy. Comment. This family-group name was replaced before 1961 because of the synonymy of the type genus; the replacement name, which is in prevailing usage, is to be maintained (Article 40.2).

*Pseudocephalini* Aurivillius, 1912: 154. Type genus: *Pseudocephalus* Newman, 1842 [stem = *Pseudocephal-*]. Type species: *Pseudocephalus formicides* Newman, 1842 by monotypy.

### **Tribe Psilomorphini Lacordaire, 1868**

*Psilomorphides* Lacordaire, 1868: 204 (key), 392. Type genus: *Psilomorpha* Saunders, 1850 [stem = *Psilomorph-*]. Type species: *Psilomorpha tenuipes* Saunders, 1850 by monotypy. Availability (under Article 11.7.2): *Psilomorphini* Lacord[aire], 1869 (Aurivillius 1912: 148).

### **Tribe Pteroplatini Thomson, 1861**

*Pteroplatitae* Thomson, 1861: 138 (key), 254, 255 (key). Type genus: *Pteroplatus* Buquet, 1840 [stem = *Pteroplat-*]. Type species: *Pteroplatus pulcher* Buquet, 1840 designated by Thomson (1864: 258).

### **Tribe Pyrestini Lacordaire, 1868**

*Pseudolepturitae* Thomson, 1861: 131 (key), 141 (key), 146. Type genus: *Pseudoleptura* Thomson, 1861 (unnecessary replacement name for *Erythrus* White, 1853) [stem = *Pseudoleptur-*]. Type species: *Erythrus championi* White, 1853 designated by Thomson (1864: 158). Comment. This family-group name should have precedence over *Pyrestini* Lacordaire, 1868 which is currently used for this taxon. We have not been able to find 25 works using a family-group name based on *Pyrestes* Pascoe as a valid name for this particular taxon in order to apply the reversal of precedence article (Article 23.9). Nevertheless, we believe that *Pyrestini* should be maintained in order to preserve stability and the case submitted to the Commission for a ruling.

*Erythrinae* Pascoe, 1866: 227. Type genus: *Erythrus* White, 1853 [stem = *Erythr-*]. Type species: *Erythrus championi* White, 1853 designated by Thomson (1864: 158). Comment. This family-group name should have precedence over *Pyrestini* Lacordaire, 1868. We have not been able to find 25 works using a family-group name based on *Pyrestes* Pascoe as a valid name for this particular taxon in order to apply the reversal of precedence article (Article 23.9). Nevertheless, we believe that *Pyrestini* should be maintained in order to preserve stability and the case submitted to the Commission for a ruling.

*Pyresthidae* Lacordaire, 1868: 405 (key), 518. Type genus: *Pyrestes* Pascoe, 1857 [stem = *Pyrest-*]. Type species: *Pyrestes haematicus* Pascoe, 1857 designated by Thomson (1864: 159). Availability (under Article 11.7.2): *Pyrestini* Lacord[aire], 1869 (Aurivillius 1912: 288). Comment. Lacordaire (1868) used *Pyresthes*, an incorrect subsequent spelling of *Pyrestes* Pascoe, 1857 not in prevailing usage.

### **Tribe Rhagiomorphini Newman, 1841**

*Rhagiomorphidae* Newman, 1841: 34. Type genus: *Rhagiomorpha* Newman, 1840 [stem = *Rhagiomorph-*]. Type species: *Rhagiomorpha sordida* Newman, 1840 by monotypy.

### **Tribe Rhinotragini Thomson, 1861**

Rhinotragitae Thomson, 1861: 133 (key), 176 (key), 177. Type genus: *Rhinotragus* Germar, 1824 [stem = *Rhinotrag-*]. Type species: *Rhinotragus dorsiger* Germar, 1824 by monotypy.

### **Tribe Rhopalophorini Blanchard, 1845**

Rhopalophorites Blanchard, 1845: 152, 171. Type genus: *Rhopalophora* Audinet-Serville, 1834 [stem = *Rhopalophor-*]. Type species: *Rhopalophora sanguinicollis* Audinet-Serville, 1834 by monotypy. Availability (under Article 11.7.2): Rhopalophorini Blanchard, 1845 (Monné 1994a: 1).

### **Tribe Rosaliini Fairmaire, 1864**

Rosaliites Fairmaire, 1864: 137, 192 (key). Type genus: *Rosalia* Audinet-Serville, 1834 [stem = *Rosali-*]. Type species: *Cerambyx alpinus* Linnaeus, 1758 by monotypy. Availability (under Article 11.7.2): Rosaliini Fairmaire, 1864 (Linsley 1964: 33).

### **Tribe Sestyrini Lacordaire, 1868**

Sestyrides Lacordaire, 1868: 405 (key). Type genus: *Sestyra* Pascoe, 1867 [stem = *Sestyr-*]. Type species: *Sestyra cephalotes* Pascoe, 1867 by monotypy. Availability (under Article 11.7.2): Sestyrini Lacordaire, 1869 (Aurivillius 1912: 424). Cleomeninae Pascoe, 1869 [13 October]: 554, 645. Type genus: *Cleomenes* Thomson, 1864 [stem = *Cleomen-*]. Type species: *Cleomenes dihammaphoroides* Thomson, 1864 by original designation. Comment. This family-group name has also been proposed the same year by Lacordaire (1869 ["31" October]: 97, as Cléménides).

### **Tribe Smodicini Lacordaire, 1869**

Smodicides Lacordaire, 1869: 143. Type genus: *Smodicum* Haldeman, 1847 [stem = *Smodic-*]. Type species: *Callidium cucujiforme* Say, 1826 by monotypy. Availability (under Article 11.7.2): Smodicini Lacordaire, 1869 (Aurivillius 1912: 12). Luscosmodicini Martins, 2003b: 30 (based on *Luscosmodicum* Martins, 1970). **Nomen nudum**. Comment. This name is unavailable under Article 16.2 (type genus not cited).

### **Tribe Spintheriini Lacordaire, 1869**

Spinthériides Lacordaire, 1869: 215 (key), 219. Type genus: *Spintheria* Thomson, 1861 [stem = *Spintheri-*]. Type species: *Tmesisternus gratiosus* Pascoe, 1856 by monotypy. Availability (under Article 11.7.2): Spintheriini Lacordaire, 1869 (Aurivillius 1912: 487).

### **Tribe Stenhomalini Miroshnikov, 1989**

Stenhomalini Miroshnikov, 1989: 742. Type genus: *Stenhomalus* White, 1855 [stem = *Stenhomal-*]. Type species: *Stenhomalus fenestratus* White, 1855 by monotypy.

### **Tribe Stenoderini Pascoe, 1867**

Sténodérites Blanchard, 1845: 163, 177 (based on *Stenoderus* Dejean, 1821). **Nomen nudum**. Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard 1845).

Syllitae Thomson, 1864: 138. Type genus: *Syllitus* Pascoe, 1859 [stem = *Syllit-*]. Type species: *Stenoderus grammicus* Newman, 1840 designated by McKeown (1947: 73). Comment. This name has precedence over Stenoderini Pascoe, 1869 but has not been used as a valid name after 1899 to our knowledge. Unfortunately, we are unable to provide 25 references to Stenoderini in the immediately preceding 50 years.

Nevertheless, we believe the name Stenoderini should be preserved for this group and an application submitted to the Commission.

Ptérosténides Lacordaire, 1868: 403 (key), 410 (based on *Pterostenus* Laporte, 1840).

**Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized, attributed to Lacordaire 1868 [1869], and considered valid). Comment. This family-group name was subsequently latinized by a few authors (e.g., Aurivillius 1912: 150; Lucas 1920: 53; Ferreira and Veiga-Ferreira 1959b: 331) but all of them listed the name as junior synonym of Stenoderini and therefore did not validate Lacordaire's name.

Stenoderinae Pascoe, 1867: 311. Type genus: *Stenoderus* Dejean, 1821 [stem = *Stenoder-*].

Type species: *Cerambyx abbreviatus* Fabricius, 1801 by monotypy. Comment. This family-group name is a senior homonym of Stenoderini Selander, 1991 (based on *Stenodera* Eschscholtz, 1818 [Meloidae]). The case is to be referred to the Commission for a ruling to remove the homonymy (Article 55.3.1).

Calliprasonini McKeown, 1947: 71 [incorrect original stem]. Type genus: *Calliprason* White, 1843 [stem = *Callipras-*]. Type species: *Callichroma sinclairi* White, 1843 by monotypy. Comment. This family-group name was proposed without description or reference to a published description. However it is available because it was used as valid before 2000 (e.g., Gressitt 1959: 148, as Calliprasonini) and to our knowledge has not been rejected, between 1961 and 1999, based on Article 13 of the then current edition of the Code (Article 13.2.1).

#### Tribe Stenopterini Gistel, 1848

Stenopteridae Gistel, 1848: [2]. Type genus: *Stenopterus* Illiger, 1804 [stem = *Stenopter-*].

Type species: *Necydalis rufa* Linnaeus, 1767 by monotypy.

#### Tribe Strongylurini Lacordaire, 1868

Strongylurides Lacordaire, 1868: 205 (key), 379. Type genus: *Strongylurus* Hope, 1834 [stem = *Strongylur-*]. Type species: *Strongylurus scutellatus* Hope, 1834 by original designation. Availability (under Article 11.7.2): Strongylurini Lacord[aire], 1869 (Aurivillius 1912: 144).

#### Tribe Tessarommatis Lacordaire, 1868

Tessarommides Lacordaire, 1868: 204 [as Tessérommides] (key), 378 [incorrect original stem]. Type genus: *Tessaromma* Newman, 1840 [stem = *Tessarommat-*]. Type species: *Tessaromma undatum* Newman, 1840 by monotypy. Availability (under Article 11.7.2): Tessarommatis Lacord[aire], 1869 (Aurivillius 1912: 148).

#### Tribe Thrauniini Gahan, 1906

Thrauniini Gahan, 1906: 92 (key), 236. Type genus: *Thranius* Pascoe, 1859 [stem = *Thrauni-*].

Type species: *Thranius bimaculatus* Pascoe, 1859 designated by Thomson (1864: 162).

#### Tribe Thyrsiini Marinoni and Napp, 1984

Thyrsiini Marinoni and Napp, 1984: 44. Type genus: *Thrysia* Dalman, 1819 [stem = *Thyrsi-*].

Type species: *Thrysia lateralis* Dalman, 1819 by monotypy.

#### Tribe Tillomorphini Pascoe, 1869

Tillomorphinae Pascoe, 1869 [13 October]: 554. Type genus: *Tillomorpha* Blanchard, 1851 [stem = *Tillomorph-*]. Type species: *Tillomorpha lineoligera* Blanchard, 1851 by monotypy. Comment. This family-group name has also been proposed the same year by

Lacordaire (1869 [“31” October]: 88, as Tillomorphidæ).  
Epipedocerini Gahan, 1906: 92 (key), 305. Type genus: *Epipedocera* Chevrolat, 1863 [stem = *Epipedocer-*]. Type species: *Epipedocera zona* Chevrolat, 1863 designated by Pascoe (1869: 640).

### Tribe Torneutini Thomson, 1861

Torneutitæ Thomson, 1861: 139 (key), 271 (key), 272, 273 (key). Type genus: *Torneutes* Reich, 1838 [stem = *Torneut-*]. Type species: *Torneutes pallidipennis* Reich, 1838 by monotypy.  
Thaumasidae Thomson, 1864: 312, 313. Type genus: *Thaumasus* Reiche, 1853 [stem = *Thaumas-*]. Type species: *Cerambyx gigas* Fabricius, 1787 by monotypy.

### Tribe Trachyderini Dupont, 1836

Trachydérides Dupont, 1836: 1. Type genus: *Trachyderes* Dalman, 1817 [stem = *Trachyder-*]. Type species: *Cerambyx succinctus* Linnaeus, 1758 designated by Blanchard (1843: pl. 65). Availability (under Article 11.7.2): Trachyderini Dupont, 1836 (Monné 1994b: 16).

### Subtribe Ancylocerina Thomson, 1864

Ancyloceritæ Thomson, 1864: 210. Type genus: *Ancylocera* Audinet-Serville, 1834 [stem = *Ancylöcer-*]. Type species: *Cerambyx cardinalis* Dalman, 1817 by monotypy.

### Subtribe Trachyderina Dupont, 1836

Trachydérides Dupont, 1836: 1. Type genus: *Trachyderes* Dalman, 1817 [stem = *Trachyder-*]. Type species: *Cerambyx succinctus* Linnaeus, 1758 designated by Blanchard (1843: pl. 65). Availability (under Article 11.7.2): Trachyderini Dupont, 1836 (Monné 1994b: 16).

Purpuricenitæ Thomson, 1861: 135 (key), 189 (key), 203. Type genus: *Purpuricenus* Dejean, 1821 [stem = *Purpuricen-*]. Type species: *Cerambyx kaehleri* Linnaeus, 1758 designated by Blanchard (1843: pl. 66).

Tylositæ Thomson, 1861: 135 (key), 190 (key), 205 [incorrect original stem]. Type genus: *Tylosis* LeConte, 1850 [stem = *Tylose-*]. Type species: *Tylosis maculatus* LeConte, 1850 designated by Thomson (1864: 200).

Sphaenotheccitæ Thomson, 1861: 136 (key), 208 (key), 212. Type genus: *Sphaenotheucus* Dupont, 1838 [stem = *Sphaenotheuc-*]. Type species: *Sphaenotheucus tomentosus* Dupont, 1838 designated by Thomson (1864: 205).

Megaderitæ Thomson, 1861: 136 (key), 213. Type genus: *Megaderus* Dejean, 1821 [stem = *Megader-*]. Type species: *Cerambyx stigma* Linnaeus, 1758 by monotypy.

Eriphitæ Thomson, 1864: 200. Type genus: *Eriphus* Audinet-Serville, 1834 [stem = *Eriph-*]. Type species: *Callidium bisignatum* Germar, 1824 designated by Thomson (1861: 228).

Pteracanthitæ Thomson, 1864: 255. Type genus: *Pteracantha* Newman, 1838 [stem = *Pteracanth-*]. Type species: *Pteracantha fasciata* Newman, 1838 by monotypy.

Metopocoilitæ Thomson, 1864: 255. Type genus: *Metopocoilus* Audinet-Serville, 1832 [stem = *Metopocoil-*]. Type species: *Metopocoilus maculicollis* Audinet-Serville, 1832 by monotypy.

Sternacanthitæ Thomson, 1864: 259. Type genus: *Sternacanthus* Audinet-Serville, 1832 [stem = *Sternacanth-*]. Type species: *Prionus undatus* Olivier, 1795 by monotypy.

Tropidosomitæ Thomson, 1864: 256 [incorrect original stem]. Type genus: *Tropidosoma* Perty, 1832 [stem = *Tropidosomat-*]. Type species: *Prionus spencei* Kirby, 1818 by monotypy.

Poecilopeplidæ Lacordaire, 1868: 404 (key). Type genus: *Poecilopeplus* Dejean, 1835 [stem = *Poecilopepl-*]. Type species: *Prionus corallifer* Sturm, 1826 by monotypy. Availability (under Article 11.7.2): Poecilopeplini Lacord[aire], 1869 (Aurivillius 1912: 449).

Dorcacérides Lacordaire, 1868: 404 (key) (based on *Dorcacerus* Dejean, 1821). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Lacordaire 1868 [1869]).

Sténaspides Lacordaire, 1868: 404 (key) [incorrect original stem]. Type genus: *Stenaspis* Audinet-Serville, 1834 [stem = *Stenaspid-*]. Type species: *Stenaspis verticalis* Audinet-Serville, 1834 by monotypy. Availability (under Article 11.7.2): Stenaspini Lacordaire, 1869 (Aurivillius 1912: 457).

Paristémiides Lacordaire, 1868: 404 (key). Type genus: *Paristemia* Westwood, 1841 [stem = *Paristemi-*]. Type species: *Paristemia platyptera* Westwood, 1841 by monotypy. Availability (under Article 11.7.2): Paristemiini Lacordaire (LeConte 1873: 309).

Dorcacerinae Bates, 1870: 430. Type genus: *Dorcacerus* Dejean, 1821 [stem = *Dorcacer-*]. Type species: *Callidium barbatum* Fabricius, 1775 by monotypy. Comment. Dorcadocerini used by Aurivillius (1912: 476) is not an available family-group name because it is based on *Dorcadocerus* an incorrect subsequent spelling of *Dorcacerus* Dejean, 1821 introduced by Germar (1824: 501).

#### Tribe Tragocerini Pascoe, 1868

Tragocerinae Pascoe, 1868: 125. Type genus: *Tragocerus* Latreille, 1829 [stem = *Tragocer-*]. Type species: *Prionus bidentatus* Donovan, 1805 by subsequent monotypy in Guérin-Méneville (1831: pl. 45).

#### Tribe Trichomesiini Aurivillius, 1912

Trichomesiini Aurivillius, 1912: 276. Type genus: *Trichomesia* Pascoe, 1859 [stem = *Trichomesi-*]. Type species: *Trichomesia newmani* Pascoe, 1859 by monotypy.

#### Tribe Tropocalymmatini Lacordaire, 1868

Tropocalymmides Lacordaire, 1868: 402 (key), 408 [incorrect original stem]. Type genus: *Tropocalymma* Thomson, 1864 [stem = *Tropocalymmat-*]. Type species: *Tropis dimidiata* Newman, 1841 by original designation. Availability (under Article 11.7.2): Tropocalymmatini Lacord[aire], 1869 (Aurivillius 1912: 150).

#### Tribe Typhocesini Lacordaire, 1868

Typhocésides Lacordaire, 1868: 404 (key), 539. Type genus: *Typhocesis* Pascoe, 1863 [stem = *Typhoces-*]. Type species: *Typhocesis macleayi* Pascoe, 1863 by monotypy. Availability (under Article 11.7.2): Typhocesini Lacord[aire], 1869 (Aurivillius 1912: 296).

#### Tribe Unxiini Napp, 2007

Unxiini Napp, 2007: 312. Type genus: *Unxia* Thomson, 1861 [stem = *Unxi-*]. Type species: *Unxia insignis* Thomson, 1861 by monotypy.

#### Tribe Uracanthini Blanchard, 1853

Uracantitas Blanchard, 1851: 475 (based on *Uracanthus* Hope, 1833). **Nomen nudum.** Comment. This name is unavailable under Article 11.7.2 (not subsequently latinized and attributed to Blanchard, 1851).

Uracanthitae Blanchard, 1853: 264. Type genus: *Uracanthus* Hope, 1833 [stem = *Uracanth-*]. Type species: *Uracanthus triangularis* Hope, 1833 by monotypy. Comment. *Uracanthus* is an incorrect subsequent spelling of *Uracantha* Hope, 1833 (p. 64), first

used by Hope (1834: 108), in prevailing usage and so deemed to be the correct original spelling (Article 33.3.1).

Rhinophthalmitae Thomson, 1861: 132 (key), 143 (key), 152. Type genus: *Rhinophthalmus* Thomson, 1861 (replacement name for *Stephanops* Newman, 1838) [stem = *Rhinophtham-*]. Type species: *Stephanops nasutus* Newman, 1838 by monotypy.

### Tribe Vesperellini Sama, 2008

Vesperellini Sama, 2008: 227. Type genus: *Vesperella* Dayrem, 1933 [stem = *Vesperell-*]. Type species: *Vesperella pallida* Dayrem, 1933 by monotypy.

### Tribe Xystrocerini Blanchard, 1845

Xystrocérites Blanchard, 1845: 147, 168. Type genus: *Xystrocera* Audinet-Serville, 1834 [stem = *Xystrocer-*]. Type species: *Cerambyx globosus* Olivier, 1795 designated by Thomson (1864: 247). Availability (under Article 11.7.2): Xystrocerini Blanchard, 1845 (Martins and Carvalho 1984: 214).

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## Appendix

List of names used as plural nouns referring to the members of a genus.

Plural nouns	Genera
Nothopleuri Bates, 1884: 235	<i>Nothopleurus</i> Lacordaire, 1868
Stenocori Gray, 1832: 103	<i>Stenocorus</i> Geoffroy, 1762
Leptostyli Bates, 1880: 152	<i>Leptostylus</i> LeConte, 1852
Leiopi Bates, 1881: 155	<i>Leiopus</i> Audinet-Serville, 1835
Eleothini Bates, 1885: 392	<i>Eleothinus</i> Bates, 1881
Anisopodi Bates, 1885: 400	<i>Anisopodus</i> White, 1855
Steirastomae Bates, 1885: 378	<i>Steirastoma</i> Audinet-Serville, 1835
Essostruthae Bates, 1881: 210	<i>Essostrutha</i> Thomson, 1868
Tyrinthiae Bates, 1885: 434	<i>Tyrinthia</i> Bates, 1866
Ischiocentrae Bates, 1880: 122	<i>Ischiocentra</i> Thomson, 1860
Xylotolini Bates, 1880: 104	<i>Xylotoles</i> Newman, 1840
Esthlogenae Bates, 1880: 112	<i>Esthlogena</i> Thomson, 1864
Saperdae Gray, 1832: 119	<i>Saperda</i> Fabricius, 1775
Mecometopi Bates, 1880: 56	<i>Mecometopus</i> Thomson, 1860
Plagithmysines Gressitt & Davis, 1969: 331	<i>Plagithmysus</i> Motschulsky, 1845
Trichophori Bates, 1880: 26	<i>Trichophorus</i> Audinet-Serville, 1834
Nephaliii Bates, 1885: 254	<i>Nephalius</i> Newman, 1841
Deltosomae Bates, 1880: 72	<i>Deltosoma</i> Thomson, 1864
Sphenotheci Bates, 1885: 330	<i>Sphaenothelus</i> Dupont, 1838

## Index

Family-group names accepted as valid in this work are listed in uppercase letters. Original spellings of family-group names are in lowercase letters. Genus-group names are listed in italics.

- Abryna* 36                    *Agallissini* 41                    *ANISARTHINI* 8, 21  
*Abrynitae* 36                *Agallissus* 41                *Anisarthrites* 21  
*Acangassu* 48                *Agapanthaires* 25            *Anisarthron* 21  
*Acangassuini* 48              *Agapanthia* 25                *Anisarthronini* 21  
*Acanthinodera* 16            *AGAPANTHIINI* 8, 24            *ANISOCERINI* 8, 26  
*Acanthinoderitae* 16        *Agennopsides* 26            *Anisoceritae* 26  
*ACANTHOCININI* 8, 23        *Agennopsis* 26                *Anisocerus* 26  
*Acanthocinites* 23            *Agnia* 33                        *Anoploderma* 13  
*Acanthocinus* 23              *Agnitae* 33                        *ANOPLODERMATINAЕ* 7, 13  
*Acanthoderes* 24              *ALANIZINI* 10, 41            *ANOPLODERMATINI* 7, 13  
*ACANTHODERINI* 8, 24        *Alanizini* 41                    *Anoplodermiens* 13  
*Acanthoderitae* 24            *Alanizus* 41                    *Apatophysides* 40  
*Acanthomerosternoplpon* 28    *Ametrocephala* 53            *Apatophysis* 40  
*Acanthomerosternoplponini* 28    *Ametrocephalitae* 53          *Aphanasiides* 41  
*ACANTHOPHORINI* 7, 14        *Amillarin* 25                    *APHANASIINI* 10, 41  
*Acanthophoritae* 14            *Amillarus* 25                    *Aphanasium* 41  
*Acanthophorus* 14              *Amphionycha* 31                *Aphneope* 41  
*Achryson* 41                    *Amphionychitae* 31            *Aphnéopides* 41  
*Achrysonides* 41              *AMPHOECINI* 8, 25            *APHNEOPINI* 10, 41  
*ACHRYSONINI* 10, 41            *Amphoecini* 25                *Apodasya* 29  
*Acmocera* 24                    *Amphoecus* 25                *Apodasyides* 29  
*ACMOCERINI* 8, 24            *Amymoma* 28                    *Apomecyna* 26  
*Acmoceritae* 24                *Amymomides* 28                *APOMEYCYNINI* 8, 26  
*Acridocephala* 24            *Anacanthitae* 15                *Apomecynitae* 26  
*ACRIDOCEPHALINI* 8, 24        *Anacanthus* 15                    *Aprosopitae* 25  
*Acridocephalidi* 24            *ANACOLINI* 7, 14            *Aprosopus* 25  
*Acrocininae* 24                *Anacolites* 14                    *Archetypi* 17  
*ACROCININI* 8, 24            *Anacolus* 14                    *ARCHETYPINA* 7, 17  
*Acrocinus* 24                    *Anaesthetis* 28                *Archetypus* 17  
*Aderpas* 24                    *Anaesthéties* 28                *Arsysia* 39  
*ADERPASINI* 8, 24            *Anaglyptides* 41                *Arsysiides* 39  
*Aderpasini* 24                *ANAGLYPTINI* 10, 41            *ASEMINI* 8, 21  
*Adétides* 26                    *Anaglyptus* 41                    *Asemitae* 21  
*Adetus* 26                    *Anauxesis* 25                    *Asemum* 21  
*Aedilaires* 23                *Anauxesitae* 25                *Astatheinae* 26  
*Aedilis* 23                    *Ancistrotides* 17                *Astathes* 26  
*Aegoprepes* 25                *Ancistrotini* 17                *ASTATHINI* 8, 26  
*Aegoprepinae* 25            *Ancistrotus* 17                *Astynomaires* 24  
*Aegosoma* 14                *Ancita* 25                        *Astynomus* 24  
*AEGOSOMATINI* 7, 14        *ANCITINI* 8, 25                *Ataxia* 36  
*Aegosomitae* 14              *Ancitini* 25                        *Ataxiides* 36  
*Aerenea* 28                    *Ancylocera* 57                    *Atimia* 21  
*Aereneites* 28                *ANCYLOCERINA* 12, 57            *ATIMIINI* 8, 21  
*Aerenica* 24                    *Ancyloceritae* 57                *Atimiini* 21  
*Aerénicides* 24                *Ancylonotides* 26                *Atossa* 37  
*AERENICINI* 8, 24            *ANCYLYNOTINI* 8, 26            *Atossides* 37  
*AGALLISSINI* 10, 41            *Ancylonotus* 26                *Aulacoceritae* 20

- Aulacocerus* 20  
*Aulacopides* 17  
*Aulacopinae* 17  
*Aulacopus* 17  
*Auxésides* 42  
*Auxesina* 42  
*AUXESINI* 10, 42  
*Auxesis* 42  
*Baraeus* 37  
*Baroeides* 37  
*Basiptera* 42  
*BASIPTERINI* 10, 42  
*Basipterini* 42  
*Basitoxi* 17  
*BASITOXINA* 7, 17  
*Basitoxus* 17  
*Batocera* 27  
*BATOCERINI* 8, 27  
*Batoceritae* 27  
*Bimia* 42  
*Bimiides* 42  
*BIMIINI* 10, 42  
*Bothriospila* 42  
*Bothriospilinae* 42  
*BOTHRIOSPILINI* 10, 42  
*Brachypteroma* 42  
*BRACHYPTEROMINI* 10, 42  
*Brachypteromini* 42  
*Bumetopia* 31  
*Bumétopides* 31  
*Cacosceles* 15  
*CACOSCELINI* 7, 15  
*Cacoscelitae* 15  
*Caelomarathon* 52  
*Callia* 27  
*Callichroma* 42  
*CALLICHROMATINI* 10, 42  
*Callichrominae* 42  
*Callidiadae* 42  
*CALLIDIINI* 10, 42  
*CALLIDIOPINI* 10, 43  
*Callidiopsis* 43  
*Callidiopsides* 43  
*Callidium* 42  
*CALLIINI* 8, 27  
*Callipogon* 15  
*CALLIPOGONINI* 7, 15  
*Callipogonitae* 15  
*Calliprason* 56  
*Calliprasonini* 56  
*Callitae* 27  
*CALOCOMINI* 7, 16  
*Calocomini* 16  
*Calocomus* 16  
*Cambaia* 53  
*Cambaiinae* 53  
*CANTHAROCNEMINI* 7, 16  
*Cantharocnemis* 16  
*Cantharocnemita* 16  
*Cartallites* 43  
*Cartallum* 43  
*Catypnes* 14  
*Catypnidies* 14  
*Cerambicini* 12, 40, 43  
*CERAMBYCIDAE* 7, 12  
*CERAMBYCINAE* 10, 40  
*CERAMBYCINI* 10, 43  
*Cerambyx* 12, 40, 43  
*Cerasphoritae* 47  
*Cerasphorus* 47  
*CEROPLESINA* 8, 27  
*CEROPLESINI* 8, 27  
*Ceroplesia* 27  
*Ceroplesitae* 27  
*CERTALLINI* 10, 43  
*Certallum* 43  
*Cherrocriinae* 13  
*Cherrocrius* 13  
*Chlidones* 43  
*Chlidoninae* 43  
*CHLIDONINI* 10, 43  
*Cleomenes* 55  
*Cleomeninae* 55  
*Clinia* 36  
*Cliniides* 36  
*Cloniocérides* 27  
*CLONIOCERINI* 8, 27  
*Cloniocerus* 27  
*Clostérides* 19  
*Closterus* 19  
*Clytaires* 43  
*CLYTINI* 10, 43  
*Clytus* 43  
*Cnemoplites* 17  
*Cnémoplitiens* 17  
*Cnemoplitinae* 17  
*Coelarthrides* 52  
*Coelarthon* 52  
*Colobothea* 28  
*COLOBOTHEINI* 8, 28  
*Colobotheitae* 28  
*Colpodérides* 15  
*Colpoderinae* 15  
*Colpoderus* 15  
*Cometes* 13  
*Cométites* 13  
*Compsa* 49  
*Compsina* 49  
*COMPSOCERINI* 10, 44  
*Compsoceritae* 44  
*Compsocerus* 44  
*Compsosoma* 28  
*COMPSOSOMATINI* 9, 28  
*Compsosomites* 28  
*Coptomma* 44  
*COPTOMMATINI* 10, 44  
*Coptommides* 44  
*Corynofreea* 27  
*Corynofreinae* 27  
*Crinotarsides* 29  
*Crinotarsus* 29  
*Criocephalinae* 21  
*Criocéphalites* 21  
*Criocephalus* 21  
*Criomorphates* 21  
*Criomorphini* 21  
*Criomorphus* 21  
*CROSSOTINA* 8, 27  
*Crossotitae* 27  
*Crossotus* 27  
*Ctenoscelis* 16  
*Ctenoscelitae* 16  
*Curii* 44  
*CURIINI* 10, 44  
*Curius* 44  
*Cyllene* 43  
*Cyllenitae* 43  
*CYRTININI* 9, 28  
*Cyrtinitae* 28  
*Cyrtinus* 28  
*Cyrtognathitae* 19  
*Cyrtognathites* 19  
*Cyrtognathus* 19  
*CYRTONOPINI* 7, 13  
*Cytonopini* 13  
*Cyrtonops* 13  
*DARAMINA* 11, 47  
*Daramina* 47  
*Daramus* 47  
*Dectes* 24  
*Dectitae* 24  
*Déilitates* 44  
*DEILINI* 10, 44  
*Deilus* 44  
*Dejanira* 45  
*Déjanirides* 45  
*DEJANIRINI* 10, 45  
*Delocheilus* 15  
*Delochili* 15

- Délochiliens 15  
*Delochilus* 15  
 Dérancistrines 20  
*Derancistrini* 20  
*Derancistrus* 20  
 Derobrachitae 20  
*Derobrachus* 20  
*Desmiphora* 28  
 DESMIPHORINI 9, 28  
 Desmiphoritae 28  
 DESMOCERINI 8, 22  
 Desmocérites 22  
*Desmocerus* 22  
*Dichophyia* 48  
 Dichophyiaeidae 48  
*Didymonycha* 25  
 Didymonychini 25  
 DIORINI 10, 45  
 Diorini 45  
*Diorus* 45  
*Distenia* 13  
 DISTENIINAE 7, 12  
 DISTENIINI 7, 13  
 Distenitae 13  
*Disterna* 40  
 Disterninae 40  
*Distichocera* 45  
 Distichocerinae 45  
 DISTICHOCERINI 10, 45  
 Distichocérites 45  
*Docohammidi* 33  
*Docohammus* 33  
 DODECOSINI 10, 45  
 Dodecosini 45  
*Dodecosis* 45  
 Dorcacérides 57  
 Dorcacerinae 58  
*Dorcacerus* 57, 58  
*Dorcadida* 34  
 Dorcadidides 34  
*Dorcadion* 29  
 Dorcadioninae 29  
 DORCADIONINI 9, 29  
 Dorcadodiidae 29  
*Dorcadodium* 29  
*Dorcaschema* 29  
 DORCASCHEMATINI 9, 29  
 Dorcaschemitae 29  
 Dorcasomides 40  
 DORCASOMINAE 10, 40  
*Dorcasomus* 40  
 DRYOBIINI 10, 45  
 Dryobiini 45  
*Dryobius* 45  
*Dryoctenes* 24  
 Dryoctenitae 24  
*Dynamostes* 13  
 Dynamostides 13  
 DYNAMOSTINI 7, 13  
*Eburia* 46  
 EBURIINI 10, 46  
 Éburiites 46  
*Ectatosia* 26  
 Ectatosiides 26  
*Ectenessa* 46  
 ECTENESSINI 10, 46  
 Ectenessini 46  
*Ecyroschema* 27  
 Écyroschémides 27  
 ELAPHIDIINI 10, 46  
*Elaphidion* 46  
 Elaphidionitae 46  
*Eligmoderma* 46  
 Élighmodermides 46  
 ELIGMODERMINI 10, 46  
*Elytracantha* 30  
*Elytracanthina* 30  
 Elytracanthinae 30  
 ELYTRACANTHININI 9, 30  
 Elytracanthinini 30  
*Emphytoecia* 37  
 Emphytoeciides 37  
 Enchapteritae 49  
*Enchoptera* 49  
 ENCYCLOPINI 8, 22  
 Encyclopini 22  
*Encylops* 22  
*Enicodes* 30  
 ENICODINI 9, 30  
 Enicoditae 30  
 Enoploceritae 15  
*Enoplocerus* 15  
*Enoploderes* 23  
 Enoploderini 23  
*Enotes* 30  
 Énotides 30  
*Epicasta* 29  
 Épicastides 29  
*Epipedocera* 56  
 Epipedocerini 56  
*Ergates* 16  
 ERGATINI 7, 16  
 Ergatites 16  
*Erichsonia* 14  
 ERICHSONIINI 7, 14  
 Erichsonitae 14  
*Erionispa* 43  
 Erionispites 43  
 Eriphitae 57  
*Eriphus* 57  
*Erlandia* 46  
 ERLANDIINI 10, 46  
 Erlandiini 46  
*Eroschema* 46  
 Éroschémides 46  
 EROSCHEMINI 10, 46  
 Erythraeninae 15  
*Erythraenus* 15  
 Erythrinae 54  
*Erythrus* 54  
 Eassisini 29  
*Essisus* 29  
*Estola* 29  
 Estolides 29  
 EUMICHTHINI 10, 46  
 Eumichthini 46  
*Eumichthus* 46  
 Eupogonii 29  
*Eupogonius* 29  
*Eupromera* 30  
 EUPROMERINI 9, 30  
 Eupromerini 30  
*Eurypoda* 16  
 EURYPODINI 7, 16  
 Eurypodini 16  
 Exocentrinae 36  
 Exocentrites 36  
*Exocentrus* 36  
 Falsamblesthiini 30  
*Falsamblesthis* 30  
*Forsteria* 30  
 FORSTERIINI 9, 30  
 Forsteriini 30  
*Gahania* 47  
 GAHANIINI 10, 47  
 Gahaniini 47  
*Gerania* 33  
 Geranitae 33  
*Glaucytes* 47  
 Glauptydes 47  
 GLAUCYTINI 10, 47  
*Glenea* 37  
 Gleneitäe 37  
*Gnoma* 31  
 GNOMINI 9, 31  
 Gnomitae 31  
 Goes 33  
*Goes* 33  
*Gracilia* 47

- Graciliaires 47  
 GRACILIINI 11, 47  
*Grammoptera* 22  
 Grammoptérates 22  
 Graphisurini 24  
*Graphisurus* 24  
*Gryllica* 27  
 Gryllicides 27  
 GYARITINI 9, 31  
*Gyaritini* 31  
*Gyaritus* 31  
*Haruspex* 52  
 HARUSPICINA 11, 52  
 Haruspicina 52  
 Hebesecinae 28  
*Hebesecis* 28  
*Hebestola* 30  
 Hebestolitae 30  
*Hecyra* 27  
*Hecyrida* 27  
 Hécyridides 27  
 HELIOLINI 9, 31  
 Heliolini 31  
*Heliolus* 31  
 HEMILOPHINI 9, 31  
 Hemilophitae 31  
*Hemilophus* 31  
 Hespérophanaires 47  
*Hesperophanes* 47  
 HESPEROPHANINA 11, 47  
 HESPEROPHANINI 11, 47  
 Hesthesinae 47  
 HESTHESINI 11, 47  
*Hesthesia* 47  
 HETEROPALPINI 7, 13  
 Heteropalpini 13  
*Heteropalpus* 13  
*Heterops* 48  
 Hétéropsides 48  
 HETEROPNSINI 11, 48  
 Hexathricitae 34  
*Hexatricha* 34  
*Hexoplpon* 49  
 Hexopltonini 49  
*Hippopsicon* 25  
 Hippopsiconini 25  
*Hippopsis* 25  
 Hippopsitae 25  
*Holopleura* 48  
 HOLOPLEURINI 11, 48  
 Holopleurini 48  
 Holoptérides 48  
 HOLOPTERINI 11, 48
- Holopterus* 48  
 Homonaeitae 31  
*Homoneoa* 31  
 HOMONOEINI 9, 31  
*Hoplideres* 16  
 HOPLIDERINI 7, 16  
 Hoplideritae 16  
*Hoplosia* 24  
 Hoplosiae 24  
*Hybodera* 48  
 HYBODERINI 11, 48  
 Hyboderini 48  
 Hyborhabdinae 31  
 HYBORHABDINI 9, 31  
*Hyborhabdus* 31  
*Hylotrupes* 48  
 HYLOTRUPINI 11, 48  
 Hylotrupini 48  
 Hypocéphaliens 13  
 HYPOCEPHALINI 7, 13  
*Hypocephalus* 13  
 Hypselominae 34  
*Hypselomus* 34  
*Hypsioma* 34  
 Hypsimitae 34  
*Ibidion* 48  
 IBIDIONINI 11, 48  
 Ibidionitae 48  
 Ichthyosomitae 39  
*Ichthyosoma* 39  
 IDERATINI 11, 49  
 Ideratini 49  
*Ideratus* 49  
*Ischioloncha* 26  
 Ischiolonchides 26  
*Ites* 31  
 Itesini 31  
*Jamwoninae* 14  
*Jamwonus* 14  
 Lagocheirinae 24  
*Lagocheirus* 24  
*Lamia* 23, 31  
 Lamiariae 23, 31  
 LAMIINAE 8, 23  
 LAMIINI 9, 31  
 Laticraniinae 32  
 LATICRANIINI 9, 32  
*Laticranium* 32  
*Leiopus* 24  
*Leptidea* 53  
 Leptideina 53  
 Leptidéites 53  
*Leptonota* 30
- Leptonotitae 30  
*Leptura* 22  
 Lepturetae 22  
 LEPTURINAЕ 8, 22  
 LEPTURINI 8, 22  
*Liopi* 24  
*Liopus* 24  
 Lissonotinae 49  
 LISSONOTINI 11, 49  
*Lissonotus* 49  
*Lulua* 19  
 Luluina 19  
 Luscosmodicini 55  
*Luscosmodicum* 55  
 LYGRINI 11, 49  
 Lygrini 49  
*Lygrus* 49  
*Macrodontia* 16  
 MACRODONTIINI 7, 16  
 Macrodontitae 16  
*Macrones* 49  
 Macronides 49  
 MACRONINI 11, 49  
*Macrotoma* 17  
 MACROTOMINA 8, 17  
 MACROTOMINI 7, 17  
 Macrotomitae 17  
 Malacoptérites 51  
*Malacopterus* 51  
 MALLASPINI 8, 18  
*Mallaspis* 18  
 Mallaspitae 18  
*Mallodon* 18  
 MALLODONINA 8, 18  
 Mallodonitae 18  
*Mallosoma* 48  
*Mauesia* 32  
 MAUESINI 9, 32  
 Mauesinae 32  
 Mécosarthrines 17  
 Mecosarthrini 17  
*Mecosarthon* 17  
 MEGABASINI 9, 32  
*Megabasis* 32  
 Megabasitae 32  
 MEGACOELINI 11, 49  
 Megacoelini 49  
*Megacoelus* 49  
 Megaderitae 57  
*Megaderus* 57  
 Megopides 14  
*Megopis* 14  
 MEROSCELISINI 8, 19

- Meroscelisitae 19  
*Meroscelisus* 19  
*Mesosa* 32  
 Mésosaires 32  
 MESOSINI 9, 32  
*Metagnoma* 37  
 Metagnomini 37  
*Methia* 50  
 METHIINI 11, 50  
 Methiitae 50  
*Methiooides* 51  
 METHIOIDINA 11, 51  
 Methioidina 51  
*Meton* 28  
 Métonides 28  
 Metopocoilite 57  
*Metopocoilus* 57  
*Michthysoma* 21  
 Michthysomini 21  
*Microcymatura* 32  
 MICROCYMATURINI 9, 32  
 Microcymaturini 32  
 Micropsalides 20  
 Micropsalini 20  
*Micropsalis* 20  
 Molorchidae 50  
 MOLORCHINI 11, 50  
*Molorchus* 50  
*Moneilema* 32  
 MONEILEMINI 9, 32  
 Moneilemitae 32  
 MONOCHAMINI 9, 33  
*Monochamus* 33  
 Monodesmides 19  
 Monodesmina 19  
*Monodesmus* 19  
 Monohammidae 33  
*Monohammus* 33  
 Morimitae 32  
*Morimonella* 33  
 MORIMONELLINI 9, 33  
 Morimonellini 33  
 Morimopsides 33  
 MORIMOPSINI 9, 33  
*Morimopsis* 33  
*Morimus* 32  
*Mysteria* 13  
 MYSTERIINI 7, 13  
 Mysterinae 13  
*Mythodes* 50  
 Mythodides 50  
 MYTHODINI 11, 50  
 Nathriini 53  
*Nathrius* 53  
*Navomorpha* 44  
 Navomorphides 44  
 Necydalides 22  
 NECYDALINAE 8, 22  
*Necydalis* 22  
 Nécydalopsides 50  
 NECYDALOPSINI 11, 50  
*Necydalopsis* 50  
*Nedine* 29  
 Nédinides 29  
*Nemaschema* 30  
 Nemaschemitae 30  
 Nemotragitae 25  
*Nemotragus* 25  
 Neoclytiae 43  
*Neoclytus* 43  
 Neocorini 43  
*Neocorus* 43  
*Neohebestola* 30  
 Neohebestolini 30  
 Néosténides 50  
 NEOSTENINI 11, 50  
*Neostenus* 50  
*Niphona* 36  
 Niphoninae 36  
 Nothophysini 15  
*Nothophysis* 15  
*Nothorhina* 21  
 Nothorhinini 21  
*Notophysis* 15  
 Notophysites 15  
*Nyctimene* 33  
 NYCTIMENIINI 9, 33  
 Nyctimeniini 33  
 Nyctimenitae 33  
*Nyctimenius* 33  
*Oberea* 33  
 Obereinae 33  
 OBEREINI 9, 33  
 Obriaires 50  
 OBRIINI 11, 50  
*Obrium* 50  
*Ochyra* 50  
 Ochyrinae 50  
 OCHYRINI 11, 50  
*Ocularia* 34  
 OCULARIINI 9, 34  
 Oculariini 34  
 OEDENODERINI 11, 50  
 Oedenoderini 50  
*Oedenoderus* 50  
*Oeme* 50, 51  
 Oemides 50, 51  
 OEMINA 11, 51  
 OEMINI 11, 50  
*alexandrella* 45  
 Alexandrellaeini 45  
*omacantha* 35  
 Omacanthides 35  
*Oncideres* 34  
 ONCIDERINI 9, 34  
 Oncideritae 34  
 ONCIDEROPSIDINI 9, 34  
 Oncideropsidini 34  
*Oncideropsis* 34  
*Onocephala* 34  
 ONOCEPHALINI 9, 34  
 Onocephalitae 34  
 Onychoceritae 26  
*Onychocerus* 26  
*Onychoglenea* 34  
 ONYCHOGLENEINI 9, 34  
 Onychoglèneini 34  
*Oplosia* 24  
 Opsimi 51  
 OPSIMINI 11, 51  
*Opsimus* 51  
*Oreodera* 24  
 Oreoderitae 24  
*Orthomegas* 15  
 Orthomegitae 15  
*Orthosoma* 20  
 Orthosomitae 20  
 Oxycoleini 50  
*Oxycoleus* 50  
 OXYMIRINI 8, 22  
 Oxymirini 22  
*Oxymirus* 22  
 Oxypeltides 12  
 OXYPELTINAE 7, 12  
*Oxypeltus* 12  
*Pachypeza* 25  
 Pachypézides 25  
*Pachystola* 32  
 Pachystolaeidae 32  
*Pachyta* 23  
 Pachytes 23  
 Pachytini 23  
 PARAHOLOPTERINI 11, 51  
 Paraholopterini 51  
*Paraholopterus* 51  
*Parandra* 14  
 Parandrides 14  
 PARANDRINAE 7, 14  
 PARANDRINI 7, 14

- Paristemia* 57  
*Paristémiides* 57  
*Parmena* 34  
*Parménaires* 34  
*PARMENINI* 9, 34  
*Petrognatha* 34  
*PETROGNATHINI* 9, 34  
*Pétrognathites* 34  
*Phacellides* 35  
*PHACELLINI* 9, 35  
*Phacellus* 35  
*Phalota* 51  
*Phalotides* 51  
*PHALOTINI* 11, 51  
*Phantasides* 35  
*Phantasinae* 35  
*PHANTASINI* 9, 35  
*Phantasini* 35  
*Phantasis* 35  
*PHILINAE* 7, 13  
*Philitae* 14  
*Philus* 14  
*Phlyctaenodes* 51  
*PHLYCTAENODINI* 11, 51  
*Phlycténodides* 51  
*Phoracantha* 22, 51  
*Phoracanthidae* 51  
*PHORACANTHINI* 11, 51  
*Phrissoma* 32  
*Phrissomitaee* 32  
*Phrynetea* 35  
*PHRYNETINI* 9, 35  
*Phrynetitae* 35  
*PHYLLARTHRIINI* 11, 51  
*Phyllarthriini* 51  
*Phyllarthrius* 51  
*Phymasterna* 35  
*PHYMASTERNINI* 9, 35  
*Phymasternini* 35  
*Phymatodes* 43  
*Phymatodes* 43  
*Phytoecia* 35  
*Phytoeciaires* 35  
*PHYTOECIINI* 9, 35  
*PIESARTHRIINI* 11, 51  
*Piesarthriini* 51  
*Piesarthrius* 51  
*Piezocera* 52  
*Piézocérides* 52  
*PIEZOCERINA* 11, 52  
*PIEZOCERINI* 11, 52  
*Pithocles* 20  
*Pithoclitae* 20  
*Platyarthrinae* 52  
*PLATYARTHRINI* 11, 52  
*Platyarthron* 52  
*PLATYGNATHINA* 8, 18  
*Platygnathina* 18  
*Platygnathus* 18  
*Platysternides* 26  
*Platysternus* 26  
*Plectogaster* 52  
*PLECTOGASTRINI* 11, 52  
*Plectogastrini* 52  
*PLECTROMERINI* 11, 52  
*Plectromerini* 52  
*Plectromerus* 52  
*Pleiarthrocerinae* 53  
*PLEIARTHROCERINI* 11, 53  
*Pleiarthrocerus* 53  
*Poecilopéplides* 57  
*Poecilopeplus* 57  
*Poecilosoma* 14, 15  
*Poecilosomi* 15  
*Poecilosomides* 14  
*Poekilosoma* 15  
*Pogonochéraires* 35  
*POGONOCHERINI* 9, 35  
*Pogonocherus* 35  
*Polyarthrides* 20  
*Polyarthrini* 20  
*Polyarthron* 20  
*Polyopsia* 38  
*Polyopsiates* 38  
*POLYRHAPHIDINI* 9, 36  
*Polyrhaphis* 36  
*Polyrhaphitae* 36  
*Potemnemini* 32  
*Potemnemus* 32  
*Pretilia* 36  
*PRETILIINI* 9, 36  
*Pretiliini* 36  
*Prinobiini* 17  
*Prinobius* 17  
*Prioceras* 19  
*Prioceria* 19  
*Prionii* 14, 19  
*PRIONINAE* 7, 14  
*PRIONINI* 8, 19  
*Prionomma* 19  
*Prionommitae* 19  
*Prionus* 14, 19  
*Proctocera* 36  
*PROCTOCERINI* 9, 36  
*Proctocerini* 36  
*Prosopocera* 36  
*PROSOPOCERINI* 9, 36  
*Prosopoceritae* 36  
*PROTAXINI* 11, 53  
*Protaxini* 53  
*Protaxis* 53  
*Prothema* 53  
*Prothémides* 53  
*PROTHEMINI* 11, 53  
*Protonarthon* 30  
*Protonarthronitae* 30  
*Protorhopala* 36  
*Protorhopalitae* 36  
*Psalidocoptides* 20  
*Psalidocoptus* 20  
*Psalidognathitae* 20  
*Psalidognathites* 19  
*Psalidognathus* 19, 20  
*Psathyriini* 42  
*Psathyrus* 42  
*Psébiides* 53  
*PSEBIINI* 11, 53  
*Psebium* 53  
*Psenocerini* 29  
*Psenocerus* 29  
*PSEUDOCEPHALINI* 11, 53  
*Pseudocephalini* 53  
*Pseudocephalus* 53  
*Pseudoleptura* 54  
*Pseudolepturitae* 54  
*Psilomorpha* 54  
*Psilomorphides* 54  
*PSILOMORPHINI* 11, 54  
*Pteracantha* 57  
*Pteracanthitae* 57  
*Ptéricoptides* 26  
*Ptericoptus* 26  
*PTEROPLATINI* 11, 54  
*Pteroplatiae* 54  
*Pteroplatius* 54  
*PTEROPLIINI* 9, 36  
*Pteroplitae* 36  
*Pteroplus* 36  
*Ptérosténides* 55  
*Pterostenus* 55  
*Ptychodes* 33  
*Ptychodes* 33  
*Purpuricenitae* 57  
*Purpuricenus* 57  
*Pyrestes* 54  
*Pyresthides* 54  
*PYRESTINI* 11, 54  
*Pyrodes* 18, 19  
*Pyrodides* 18

- Pyrodini 19  
 Pytheitae 43  
*Pytheus* 43  
*Remphan* 18  
 Remphanides 18  
 REMPHANINA 8, 18  
 Remphaninae 18  
 Rhagiidae 22  
 RHAGIINI 8, 22  
*Rhagiomorpha* 54  
 Rhagiomorphidae 54  
 RHAGIOMORPHINI 11, 54  
*Rhagium* 22  
 RHAMNUSIINI 8, 23  
 Rhamnusiini 23  
*Rhamnusium* 23  
 Rhaphipodi 18  
*Rhaphipodus* 18  
 Rhinophthalmitae 58  
*Rhinophthalmus* 58  
 RHINOTRAGINI 12, 54  
 Rhinotragitae 54  
*Rhinotragus* 54  
 Rhodopides 37  
*Rhodopina* 37  
 RHODOPININI 9, 37  
 Rhodopinini 37  
*Rhodopis* 37  
*Rhopalophora* 54  
 RHOPALOPHORINI 12, 54  
 Rhopalophorites 54  
*Rosalia* 55  
 ROSALIINI 12, 55  
 Rosaliites 55  
*Saperda* 37  
 Saperdaires 37  
 SAPERDINI 9, 37  
 Saphanidae 21  
 SAPHANINI 8, 21  
*Saphanus* 21  
*Scelocantha* 16  
 Scéléocanthides 16  
 Scopadini 28  
*Scopadus* 28  
*Sestrya* 55  
 Sestyrides 55  
 SESTYRINI 12, 55  
*Sibylla* 42  
 Sibyllini 42  
 Smodicides 55  
 SMODICINI 12, 55  
*Smodicum* 55  
 Sobari 15  
*Sobarines* 15  
*Sobarus* 15  
*Solenoptera* 20  
 Solénoptérides 20  
 SOLENOPTERINI 8, 20  
 Spalacopsides 25  
*Spalacopsis* 25  
 Sphaenothecitae 57  
*Sphaenothecus* 57  
*Sphaerion* 46  
 Sphallotrichina 43  
*Sphallotrichus* 43  
 Sphérionides 46  
*Sphingnotus* 39  
 Spingnothitae 39  
*Spintheria* 55  
 Spinthérides 55  
 SPINTHERIINI 12, 55  
 SPONDYLIDINAE 8, 21  
 SPONDYLIDINI 8, 22  
 Spondylii 21, 22  
*Spondylis* 21, 22  
*Stellognatha* 38  
 Stellognathites 38  
 Sténaspides 57  
*Stenaspis* 57  
 STENHOMALINI 12, 55  
 Stenhomalini 55  
*Stenomalus* 55  
*Stenobia* 37  
 STENOBIINI 9, 37  
 Stenobiini 37  
 Stenocoridae 51  
 Stenocoritae 23  
*Stenocorus* 23, 51  
 Stenoderinae 55  
 STENODERINI 12, 55  
 Sténodérites 55  
*Stenoderus* 55  
*Stenodontes* 18  
 Sténodontines 18  
 Stenodontini 18  
 Stenopteridae 56  
 STENOPTERINI 12, 56  
*Stenopterus* 56  
 Stenosphenini 46  
*Stenosphenus* 46  
 Sternacanthitae 57  
*Sternacanthus* 57  
 STERNOTOMINI 9, 38  
*Sternotomis* 38  
 Sternotomitae 38  
*Strangalia* 22  
 Strangalini 22  
 Strongylurides 56  
 STRONGYLURINI 12, 56  
*Strongylurus* 56  
 Sydacini 49  
*Syだx* 49  
 Syllitae 55  
*Syllitus* 55  
*Taeniotes* 33  
 Taeniotitae 33  
*Tapeina* 38  
 TAPEININI 10, 38  
 Tapeinites 38  
 Teledapinae 23  
 TELEDAPINI 8, 23  
*Teledapus* 23  
 Terambidae 42  
*Terampus* 42  
 Teretici 20  
 Téréticiens 20  
 TERETICINI 8, 20  
*Tereticus* 20  
*Tessaromma* 56  
 TESSAROMMATINI 12, 56  
 Tessarommides 56  
*Tetraopes* 38  
 Tetraopesitae 38  
 Tétraophthalmites 26  
*Tetraophthalmus* 26  
 TETRAOPINI 10, 38  
*Tetraulax* 39  
 TETRAULAXINI 10, 39  
 Tetraulaxini 39  
 Tétropides 38  
 Tetropiina 21  
 Tetropini 38  
*Tetropium* 21  
*Tetrops* 38  
 Thaumasidae 56  
*Thaumasus* 56  
 Théocrides 39  
 THEOCRIDINI 10, 39  
*Theocris* 39  
 THRANIINI 12, 56  
 Thraniini 56  
*Thranius* 56  
*Thyrsia* 56  
 THYRSIINI 12, 56  
 Thyrsiini 56  
*Tillomorpha* 56  
 Tillomorphinae 56  
 TILLOMORPHINI 12, 56  
 Titanitae 20

- Titanus* 20  
 TMESISTERNINI 10, 39  
 Tmesisternitae 39  
*Tmesisternus* 39  
*Torneutes* 56  
 TORNEUTINI 12, 56  
 Torneutitae 56  
 Toxotaires 22  
 Toxoti 23  
*Toxotus* 22, 23  
*Trachyderes* 57  
 Trachydérides 57  
 TRACHYDERINA 12, 557  
 TRACHYDERINI 12, 57  
*Tragocephala* 40  
 TRAGOCEPHALINI 10, 40  
 Tragocephalites 40  
 Tragocerinae 58  
 TRAGOCERINI 12, 58  
*Tragocerus* 58  
*Tragosoma* 19  
 Tragosomitae 19  
 Tragosomites 19  
*Trichomesia* 58  
 TRICHOMESIINI 12, 58  
 Trichomesiini 58  
*Trigonoptera* 39  
 Trigonopterini 39  
 Tropidina 49  
*Tropidion* 49  
*Tropidosoma* 57  
 Tropidosomitae 57  
*Tropocalymma* 58  
 TROPOCALYMMATINI 12, 58  
 Tropocalymmides 58  
 Trypanidiitae 23  
*Trypanidius* 23  
*Tylosis* 57  
 Tylositae 57  
 Typhocésides 58  
 TYPHOCESINI 12, 58  
*Typhocesis* 58  
*Unxia* 58  
 UNXIINI 12, 58  
 Unxiini 58  
 URACANTHINI 12, 58  
 Uracanthitae 58  
*Uracanthus* 58  
 Uracantitas 58  
*Velora* 29  
 Velorini 29  
 Vespéraires 12  
*Vesperella* 58  
 VESPERELLINI 12, 58  
 Vesperellini 58  
 VESPERINAE 7, 12  
 VESPEROCTENINI 8, 21  
 Vesperoctenini 21  
*Vesperoctenus* 21  
*Vesperus* 12  
*Xenicotela* 40  
 XENICOTELINI 10, 40  
 Xenicotelini 40  
*Xenofrea* 40  
 XENOFREINI 10, 40  
 Xenofreini 40  
*Xenolea* 40  
 Xénoléides 40  
 XENOLEINI 10, 40  
 Xixuthri 18  
 XIXUTHRINA 8, 18  
*Xixuthrus* 18  
*Xylorrhiza* 40  
 Xylorhizides 40  
 XYLORHIZINI 10, 40  
 Xylosteina 23  
 XYLOSTEINI 8, 23  
*Xylosteus* 23  
*Xystrocera* 58  
 XYSTROCERINI 12, 58  
 Xystrocérites 58  
 Zaploi 36  
*Zaplous* 36  
 Zaracides 16  
 Zaracinae 16  
 Zarax 16  
*Zelliboria* 52  
 Zelliboriinae 52  
*Zygocera* 40  
 ZYGOCERINI 10, 40  
 Zygorceritae 40